



## SEQUENCE LISTING

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<120> Inducing Cellular Immune Responses to  
p53 Using Peptide and Nucleic Acid Compositions

<130> 018623-014500US

<140> US 09/458,297

<141> 1999-12-10

<150> US 08/027,146

<151> 1993-03-05

<150> US 08/073,205

<151> 1993-06-04

<150> US 08/159,184

<151> 1993-11-29

<150> US 08/205,713

<151> 1994-03-04

<150> US 09/189,702

<151> 1998-11-10

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<400> 109

Leu Ile Arg Val Glu Gly Asn Leu  
1 5

<210> 110  
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<220>  
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<400> 110  
 Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
 1 5 10

<210> 111  
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<220>  
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<400> 111  
 Leu Leu Gly Arg Asn Ser Phe Glu Val  
 1 5

<210> 112  
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<400> 112  
 Leu Leu Gly Arg Asn Ser Phe Glu Val Arg Val  
 1 5 10

<210> 113  
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<400> 113  
 Leu Leu Pro Glu Asn Asn Val Leu  
 1 5

<210> 114  
 <211> 11  
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<220>  
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&lt;400&gt; 114

Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu
1				5					10	

&lt;210&gt; 115

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 115

Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile
1				5			

&lt;210&gt; 116

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 116

Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu	Met
1				5					10	

&lt;210&gt; 117

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 117

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met
1				5					10

&lt;210&gt; 118

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 118

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met	Thr
1				5					10	

&lt;210&gt; 119

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

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<400> 119

Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val
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<210> 120

<211> 8

<212> PRT

<213> Artificial Sequence

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<400> 120

Asn	Thr	Phe	Arg	His	Ser	Val	Val
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<210> 121

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 121

Asn	Thr	Phe	Arg	His	Ser	Val	Val	Val
1				5				

<210> 122

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

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<400> 122

Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala
1				5					10

<210> 123

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 123

Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met
1				5						10

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<400> 124  
 Pro Ala Ala Pro Thr Pro Ala Ala  
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<210> 125  
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<220>  
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<400> 125  
 Pro Ala Ala Pro Thr Pro Ala Ala Pro Ala  
 1 5 10

<210> 126  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 126  
 Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
 1 5 10

<210> 127  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 127  
 Pro Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
 1 5 10

<210> 128  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 128  
 Pro Ala Pro Ala Ala Pro Thr Pro Ala  
 1 5

<210> 129  
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<220>  
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<400> 129  
 Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
 1 5 10

<210> 130  
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<400> 130  
 Pro Ala Pro Ala Pro Ser Trp Pro Leu  
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<210> 131  
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<400> 131  
 Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
 1 5 10

<210> 132  
 <211> 8  
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<220>  
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<400> 132  
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<210> 133  
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<220>

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<400> 133

Pro Leu Asp Gly Glu Tyr Phe Thr  
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<210> 134

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 134

Pro Leu Asp Gly Glu Tyr Phe Thr Leu  
1 5

<210> 135

<211> 11

<212> PRT

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<220>

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<400> 135

Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile  
1 5 10

<210> 136

<211> 10

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 136

Pro Leu Pro Ser Gln Ala Met Asp Asp Leu  
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<210> 137

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 137

Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5 10

<210> 138  
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<220>  
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<400> 138  
 Pro Leu Ser Gln Glu Thr Phe Ser Asp Leu  
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<210> 139  
 <211> 11  
 <212> PRT  
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<400> 139  
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<210> 140  
 <211> 11  
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<400> 140  
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 1 5 10

<210> 141  
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<220>  
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<400> 141  
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<210> 142  
 <211> 11  
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<220>  
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<400> 142  
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 1 5 10

<210> 143  
 <211> 9  
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<400> 143  
 Pro Thr Pro Ala Ala Pro Ala Pro Ala  
 1 5

<210> 144  
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<400> 144  
 Pro Val Ala Pro Ala Pro Ala Ala  
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<210> 145  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 145  
 Pro Val Ala Pro Ala Pro Ala Ala Pro Thr  
 1 5 10

<210> 146  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 146  
 Pro Val Gln Leu Trp Val Asp Ser Thr  
 1 5

<210> 147  
 <211> 11  
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<220>

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<400> 147

Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg	Ala
1				5					10	

<210> 148

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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<400> 148

Gln	Ala	Met	Asp	Asp	Leu	Met	Leu
1				5			

<210> 149

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 149

Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu	Met
1				5					10

<210> 150

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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<400> 150

Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val
1				5			

<210> 151

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

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<400> 151

Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu
1				5					10

<210> 152  
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 <212> PRT  
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<400> 152  
 Arg Leu Gly Phe Leu His Ser Gly Thr  
 1 5

<210> 153  
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 <212> PRT  
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<220>  
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<400> 153  
 Arg Leu Gly Phe Leu His Ser Gly Thr Ala  
 1 5 10

<210> 154  
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<400> 154  
 Arg Met Pro Glu Ala Ala Pro Pro Val  
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<210> 155  
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<400> 155  
 Arg Met Pro Glu Ala Ala Pro Pro Val Ala  
 1 5 10

<210> 156  
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<220>  
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<400> 156  
 Arg Val Glu Gly Asn Leu Arg Val  
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<210> 157  
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<220>  
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<400> 157  
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 1 5 10

<210> 158  
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<220>  
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<400> 158  
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 1 5 10

<210> 159  
 <211> 8  
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<220>  
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<400> 159  
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<210> 160  
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<220>  
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<400> 160  
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 1 5

<210> 161  
 <211> 8  
 <212> PRT  
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<220>

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<400> 161

Ser Gln Glu Thr Phe Ser Asp Leu  
1 5

<210> 162

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 162

Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys Leu  
1 5 10

<210> 163

<211> 8

<212> PRT

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<220>

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<400> 163

Ser Gln His Met Thr Glu Val Val  
1 5

<210> 164

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

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<400> 164

Ser Thr Lys Arg Ala Leu Pro Asn Asn Thr  
1 5 10

<210> 165

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 165

Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 166  
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<220>  
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<400> 166  
 Ser Thr Pro Pro Pro Gly Thr Arg Val Arg Ala  
 1 5 10

<210> 167  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 167  
 Ser Thr Ser Arg His Lys Lys Leu  
 1 5

<210> 168  
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<220>  
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<400> 168  
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 1 5

<210> 169  
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<400> 169  
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 1 5 10

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 <211> 9  
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<400> 170  
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<400> 171  
 Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu  
 1 5 10

<210> 172  
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<400> 172  
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 1 5 10

<210> 173  
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<400> 173  
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<210> 174  
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<400> 174  
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<210> 175  
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<220>

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<400> 175

Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 176

<211> 8

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<400> 176

Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 177

<211> 9

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<400> 177

Val Ala Pro Ala Pro Ala Ala Pro Thr  
1 5

<210> 178

<211> 11

<212> PRT

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<400> 178

Val Ala Pro Ala Pro Ala Ala Pro Thr Pro Ala  
1 5 10

<210> 179

<211> 9

<212> PRT

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<220>

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<400> 179

Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 180  
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<220>  
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<400> 180  
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 1 5 10

<210> 181  
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<220>  
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<400> 181  
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<210> 182  
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<220>  
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<400> 182  
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 1 5

<210> 183  
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 <212> PRT  
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<220>  
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<400> 183  
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 1 5

<210> 184  
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<220>  
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<400> 184

Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5

<210> 185

<211> 10

<212> PRT

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<220>

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<400> 185

Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 186

<211> 10

<212> PRT

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<220>

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<400> 186

Trp Val Asp Ser Thr Pro Pro Pro Gly Thr  
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<210> 187

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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<400> 187

Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 188

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

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<400> 188

Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 189

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 189

Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5

<210> 190

<211> 11

<212> PRT

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<220>

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<400> 190

Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5 10

<210> 191

<211> 11

<212> PRT

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<220>

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<400> 191

Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 192

<211> 8

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<220>

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<400> 192

Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 193

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 193

Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 194  
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<220>  
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<400> 194  
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 1 5

<210> 195  
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<400> 195  
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 1 5

<210> 196  
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<400> 196  
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 1 5

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<220>  
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<400> 197  
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 1 5

<210> 198  
 <211> 11  
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<220>  
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<400> 198  
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 1 5 10

<210> 199  
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<220>  
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<400> 199  
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<400> 200  
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 1 5

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<400> 201  
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 1 5

<210> 202  
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<220>  
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<400> 202  
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<210> 203  
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<400> 203

Glu Thr Phe Ser Asp Leu Trp Lys  
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<210> 204

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<400> 204

Glu Val Arg Val Cys Ala Cys Pro Gly Arg  
1 5 10

<210> 205

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<400> 205

Glu Val Val Arg Arg Cys Pro His His Glu Arg  
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<210> 206

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<400> 206

Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 207

<211> 8

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<400> 207

Phe Thr Leu Gln Ile Arg Gly Arg  
1 5

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<220>  
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<400> 208  
 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
 1 5 10

<210> 209  
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<220>  
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<400> 209  
 Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
 1 5 10

<210> 210  
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<220>  
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<400> 210  
 Gly Ser Arg Ala His Ser Ser His Leu Lys  
 1 5 10

<210> 211  
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<220>  
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<400> 211  
 Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys  
 1 5 10

<210> 212  
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 <212> PRT  
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<220>  
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<400> 212  
 His Leu Ile Arg Val Glu Gly Asn Leu Arg  
 1 5 10

<210> 213  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 213  
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 1 5

<210> 214  
 <211> 8  
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<220>  
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<400> 214  
 His Ser Ser His Leu Lys Ser Lys  
 1 5

<210> 215  
 <211> 9  
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<220>  
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<400> 215  
 His Ser Ser His Leu Lys Ser Lys Lys  
 1 5

<210> 216  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 216  
 Lys Met Phe Cys Gln Leu Ala Lys  
 1 5

<210> 217  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>

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<400> 217

Lys	Ser	Lys	Lys	Gly	Gln	Ser	Thr	Ser	Arg
1				5					10

<210> 218

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 218

Lys	Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg
1				5					10

<210> 219

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 219

Leu	Ala	Pro	Pro	Gln	His	Leu	Ile	Arg
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<210> 220

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 220

Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg
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<210> 221

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 221

Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg
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<400> 233

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<400> 234

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<400> 235

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Ala Leu Asn Lys Met Phe Cys Gln Leu  
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Gly Leu Ala Pro Pro Gln His Leu  
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Gly Leu Ala Pro Pro Gln His Leu Ile  
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Gly Met Asn Arg Arg Pro Ile Leu  
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Asn Tyr Met Cys Asn Ser Ser Cys Met  
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Arg	Phe	Glu	Met	Phe	Arg	Glu	Leu
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Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
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<210> 455

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 455

Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 456

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 456

Arg Lys Lys Gly Glu Pro His His Glu Leu  
1 5 10

<210> 457

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 457

Arg Arg Pro Ile Leu Thr Ile Ile  
1 5

<210> 458

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 458

Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu  
1 5 10

<210> 459

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 459

Arg Arg Thr Glu Glu Glu Asn Leu  
1 5

<210> 460  
<211> 8  
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<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 460  
Ser Arg Ala His Ser Ser His Leu  
1 5

<210> 461  
<211> 8  
<212> PRT  
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<220>  
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<400> 461  
Ser Arg His Lys Lys Leu Met Phe  
1 5

<210> 462  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 462  
Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 463  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 463  
Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 464  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

&lt;400&gt; 464

Trp Lys Leu Leu Pro Glu Asn Asn Val Leu  
 1 5 10

&lt;210&gt; 465

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 465

Ala Ala Pro Ala Pro Ala Pro Ser Trp  
 1 5

&lt;210&gt; 466

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 466

Ala Ala Pro Ala Pro Ala Pro Ser Trp Pro Leu  
 1 5 10

&lt;210&gt; 467

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 467

Cys Thr Thr Ile His Tyr Asn Tyr  
 1 5

&lt;210&gt; 468

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 468

Cys Thr Thr Ile His Tyr Asn Tyr Met  
 1 5

&lt;210&gt; 469

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 469

Cys	Thr	Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met
1				5					10

&lt;210&gt; 470

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 470

Cys	Thr	Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe
1				5					10	

&lt;210&gt; 471

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 471

Asp	Ser	Asp	Gly	Leu	Ala	Pro	Pro	Gln	His	Leu
1				5					10	

&lt;210&gt; 472

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 472

Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val
1				5					10

&lt;210&gt; 473

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 473

Glu	Thr	Phe	Ser	Asp	Leu	Trp	Lys	Leu
1				5				

<210> 474  
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 <212> PRT  
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<220>  
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<400> 474  
 Glu Thr Phe Ser Asp Leu Trp Lys Leu Leu  
 1 5 10

<210> 475  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 475  
 Phe Ser Asp Leu Trp Lys Leu Leu  
 1 5

<210> 476  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 476  
 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5 10

<210> 477  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 477  
 Gly Ser Asp Cys Thr Thr Ile His Tyr  
 1 5

<210> 478  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 478

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10	

&lt;210&gt; 479

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 479

Gly	Ser	Arg	Ala	His	Ser	Ser	His	Leu
1				5				

&lt;210&gt; 480

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 480

Gly	Ser	Tyr	Gly	Phe	Arg	Leu	Gly	Phe
1				5				

&lt;210&gt; 481

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 481

Gly	Ser	Tyr	Gly	Phe	Arg	Leu	Gly	Phe	Leu
1				5					10

&lt;210&gt; 482

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 482

Gly	Thr	Ala	Lys	Ser	Val	Thr	Cys	Thr	Tyr
1				5					10

&lt;210&gt; 483

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 483

Gly Thr Arg Val Arg Ala Met Ala Ile  
1 5

<210> 484

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 484

Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 485

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 485

His Ser Gly Thr Ala Lys Ser Val  
1 5

<210> 486

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 486

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu  
1 5 10

<210> 487

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 487

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 488  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 488  
 Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala Leu  
 1 5 10

<210> 489  
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<220>  
 <223> Synthetic Peptide

<400> 489  
 Lys Thr Cys Pro Val Gln Leu Trp  
 1 5

<210> 490  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 490  
 Lys Thr Cys Pro Val Gln Leu Trp Val  
 1 5

<210> 491  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 491  
 Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
 1 5

<210> 492  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 492

Lys	Thr	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg	Leu
1				5					10	

&lt;210&gt; 493

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 493

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu
1				5				

&lt;210&gt; 494

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 494

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp
1				5					10

&lt;210&gt; 495

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 495

Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp	Val
1				5					10	

&lt;210&gt; 496

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 496

Leu	Ala	Pro	Pro	Gln	His	Leu	Ile
1				5			

&lt;210&gt; 497

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 497

Leu	Ala	Pro	Pro	Gln	His	Leu	Ile	Arg	Val
1				5					10

<210> 498

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 498

Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp
1				5				

<210> 499

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 499

Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp	Phe
1				5					10

<210> 500

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 500

Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met
1				5				

<210> 501

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 501

Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu
1				5				

<210> 502  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 502  
Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5 10

<210> 503  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 503  
Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 504  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 504  
Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 505  
<211> 8  
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<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 505  
Asn Ser Ser Cys Met Gly Gly Met  
1 5

<210> 506  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

&lt;400&gt; 506

Asn Thr Phe Arg His Ser Val Val

1 5

&lt;210&gt; 507

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 507

Asn Thr Phe Arg His Ser Val Val Val

1 5

&lt;210&gt; 508

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 508

Asn Thr Phe Arg His Ser Val Val Val Pro Tyr

1 5 10

&lt;210&gt; 509

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 509

Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp

1 5 10

&lt;210&gt; 510

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 510

Pro Ala Leu Asn Lys Met Phe Cys Gln Leu

1 5 10

&lt;210&gt; 511

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 511

Pro Ala Pro Ala Pro Ser Trp Pro Leu  
1 5

<210> 512

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 512

Pro Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
1 5 10

<210> 513

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 513

Pro Ser Gln Ala Met Asp Asp Leu  
1 5

<210> 514

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 514

Pro Ser Gln Ala Met Asp Asp Leu Met  
1 5

<210> 515

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 515

Pro Ser Gln Ala Met Asp Asp Leu Met Leu  
1 5 10

<210> 516  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 516  
 Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
 1 5 10

<210> 517  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 517  
 Pro Ser Trp Pro Leu Ser Ser Ser Val  
 1 5

<210> 518  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 518  
 Gln Ala Met Asp Asp Leu Met Leu  
 1 5

<210> 519  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 519  
 Gln Ser Asp Pro Ser Val Glu Pro Pro Leu  
 1 5 10

<210> 520  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 520  
 Gln Ser Gln His Met Thr Glu Val  
 1 5

<210> 521  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 521  
 Gln Ser Gln His Met Thr Glu Val Val  
 1 5

<210> 522  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 522  
 Gln Ser Thr Ser Arg His Lys Lys Leu  
 1 5

<210> 523  
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 <212> PRT  
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<220>  
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<400> 523  
 Gln Ser Thr Ser Arg His Lys Lys Leu Met  
 1 5 10

<210> 524  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 524  
 Gln Ser Thr Ser Arg His Lys Lys Leu Met Phe  
 1 5 10

<210> 525  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 525

Ser	Ser	Gly	Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe
1				5					10	

&lt;210&gt; 526

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 526

Ser	Ser	Pro	Gln	Pro	Lys	Lys	Lys	Pro	Leu
1				5					10

&lt;210&gt; 527

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 527

Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys	Lys	Pro	Leu
1				5					10	

&lt;210&gt; 528

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 528

Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5					10

&lt;210&gt; 529

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 529

Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5				

<210> 530  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 530  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 531  
<211> 8  
<212> PRT  
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<220>  
<223> Synthetic Peptide

<400> 531  
Ser Thr Ser Arg His Lys Lys Leu  
1 5

<210> 532  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 532  
Ser Thr Ser Arg His Lys Lys Leu Met  
1 5

<210> 533  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 533  
Ser Thr Ser Arg His Lys Lys Leu Met Phe  
1 5 10

<210> 534  
<211> 9  
<212> PRT  
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<220>  
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<400> 534  
 Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5

<210> 535  
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<400> 535  
 Thr Ser Arg His Lys Lys Leu Met  
 1 5

<210> 536  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 536  
 Thr Ser Arg His Lys Lys Leu Met Phe  
 1 5

<210> 537  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 537  
 Thr Thr Ile His Tyr Asn Tyr Met  
 1 5

<210> 538  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 538  
 Val Thr Cys Thr Tyr Ser Pro Ala Leu  
 1 5

<210> 539  
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<220>

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<400> 539

Tyr Ser Pro Ala Leu Asn Lys Met  
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<210> 540

<211> 9

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 540

Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5

<210> 541

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 541

Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5

<210> 542

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 542

Ala Met Ala Ile Tyr Lys Gln Ser Gln His Met  
1 5 10

<210> 543

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 543

Ala Pro Ala Pro Ala Pro Ser Trp  
1 5

<210> 544  
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<220>  
 <223> Synthetic Peptide

<400> 544  
 Ala Pro Pro Gln His Leu Ile Arg Val  
 1 5

<210> 545  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 545  
 Ala Pro Arg Met Pro Glu Ala Ala Pro Pro Val  
 1 5 10

<210> 546  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 546  
 Ala Pro Ser Trp Pro Leu Ser Ser Ser Val  
 1 5 10

<210> 547  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 547  
 Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
 1 5 10

<210> 548  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 548  
 Cys Gln Leu Ala Lys Thr Cys Pro Val  
 1 5

<210> 549  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 549  
 Asp Leu Met Leu Ser Pro Asp Asp Ile  
 1 5

<210> 550  
 <211> 11  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 550  
 Asp Leu Trp Lys Leu Leu Pro Glu Asn Asn Val  
 1 5 10

<210> 551  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 551  
 Asp Pro Gly Pro Asp Glu Ala Pro Arg Met  
 1 5 10

<210> 552  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 552  
 Glu Pro Pro Leu Ser Gln Glu Thr Phe  
 1 5

<210> 553  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 553

Glu Pro Gln Ser Asp Pro Ser Val

1

5

&lt;210&gt; 554

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 554

Glu Val Gly Ser Asp Cys Thr Thr Ile

1

5

&lt;210&gt; 555

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 555

Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr

1

5

10

&lt;210&gt; 556

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 556

Phe Leu His Ser Gly Thr Ala Lys Ser Val

1

5

10

&lt;210&gt; 557

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 557

Gly Leu Ala Pro Pro Gln His Leu Ile

1

5

<210> 558  
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 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 558  
 Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val  
 1 5 10

<210> 559  
 <211> 10  
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 <213> Artificial Sequence

<220>  
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<400> 559  
 Gly Met Asn Arg Arg Pro Ile Leu Thr Ile  
 1 5 10

<210> 560  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 560  
 Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile  
 1 5 10

<210> 561  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 561  
 Gly Pro Asp Glu Ala Pro Arg Met  
 1 5

<210> 562  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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&lt;400&gt; 562

Gly	Gln	Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met
1				5					10	

&lt;210&gt; 563

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 563

His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val
1				5					10	

&lt;210&gt; 564

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 564

Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val
1				5			

&lt;210&gt; 565

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 565

Lys	Pro	Leu	Asp	Gly	Glu	Tyr	Phe
1				5			

&lt;210&gt; 566

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 566

Lys	Gln	Ser	Gln	His	Met	Thr	Glu	Val
1				5				

&lt;210&gt; 567

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 567

Lys	Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val
1				5					10

&lt;210&gt; 568

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 568

Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val
1				5					10

&lt;210&gt; 569

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 569

Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val
1				5				

&lt;210&gt; 570

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 570

Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg	Val
1				5					10	

&lt;210&gt; 571

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 571

Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile
1				5			

<210> 572  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 572  
 Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
 1 5 10

<210> 573  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 573  
 Leu Pro Ser Gln Ala Met Asp Asp Leu Met  
 1 5 10

<210> 574  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 574  
 Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5

<210> 575  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 575  
 Leu Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
 1 5 10

<210> 576  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 576

Met Leu Ser Pro Asp Asp Ile Glu Gln Trp  
 1 5 10

&lt;210&gt; 577

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 577

Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
 1 5 10

&lt;210&gt; 578

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 578

Met Pro Glu Ala Ala Pro Pro Val  
 1 5

&lt;210&gt; 579

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 579

Asn Leu Leu Gly Arg Asn Ser Phe  
 1 5

&lt;210&gt; 580

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 580

Asn Leu Leu Gly Arg Asn Ser Phe Glu Val  
 1 5 10

&lt;210&gt; 581

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 581

Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met
1				5					10	

<210> 582

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 582

Pro	Leu	Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile
1				5					10	

<210> 583

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 583

Pro	Leu	Pro	Ser	Gln	Ala	Met	Asp	Asp	Leu	Met
1				5					10	

<210> 584

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 584

Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp
1				5					10	

<210> 585

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 585

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile
1				5					10	

<210> 586  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 586  
 Pro Pro Gly Thr Arg Val Arg Ala Met  
 1 5

<210> 587  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 587  
 Pro Pro Gly Thr Arg Val Arg Ala Met Ala Ile  
 1 5 10

<210> 588  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 588  
 Pro Pro Leu Ser Gln Glu Thr Phe  
 1 5

<210> 589  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 589  
 Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
 1 5 10

<210> 590  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 590  
 Pro Pro Gln His Leu Ile Arg Val  
 1 5

<210> 591  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 591  
 Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5

<210> 592  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 592  
 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met  
 1 5 10

<210> 593  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 593  
 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
 1 5 10

<210> 594  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 594  
 Gln Leu Ala Lys Thr Cys Pro Val  
 1 5

<210> 595  
 <211> 11  
 <212> PRT  
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<220>

<223> Synthetic Peptide

<400> 595

Gln Leu Ala Lys Thr Cys Pro Val Gln Leu Trp  
1 5 10

<210> 596

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 596

Gln Pro Lys Lys Lys Pro Leu Asp Gly Glu Tyr  
1 5 10

<210> 597

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 597

Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 598

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 598

Arg Val Glu Gly Asn Leu Arg Val  
1 5

<210> 599

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 599

Arg Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5 10

<210> 600  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 600  
 Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
 1 5 10

<210> 601  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 601  
 Arg Val Arg Ala Met Ala Ile Tyr  
 1 5

<210> 602  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 602  
 Ser Pro Ala Leu Asn Lys Met Phe  
 1 5

<210> 603  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 603  
 Ser Pro Asp Asp Ile Glu Gln Trp  
 1 5

<210> 604  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 604  
Ser Pro Asp Asp Ile Glu Gln Trp Phe  
1 5

<210> 605  
<211> 8  
<212> PRT  
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<220>  
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<400> 605  
Ser Pro Leu Pro Ser Gln Ala Met  
1 5

<210> 606  
<211> 8  
<212> PRT  
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<220>  
<223> Synthetic Peptide

<400> 606  
Ser Gln Ala Met Asp Asp Leu Met  
1 5

<210> 607  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 607  
Ser Gln Glu Thr Phe Ser Asp Leu Trp  
1 5

<210> 608  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 608  
Ser Gln His Met Thr Glu Val Val  
1 5

<210> 609  
<211> 9  
<212> PRT  
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<220>

<223> Synthetic Peptide

<400> 609

Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5

<210> 610

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 610

Ser Gln Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5 10

<210> 611

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 611

Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe  
1 5 10

<210> 612

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 612

Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 613

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 613

Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 614  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 614  
 Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5 10

<210> 615  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 615  
 Thr Pro Ala Ala Pro Ala Pro Ala Pro Ser Trp  
 1 5 10

<210> 616  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 616  
 Thr Pro Pro Pro Gly Thr Arg Val  
 1 5

<210> 617  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 617  
 Thr Pro Pro Pro Gly Thr Arg Val Arg Ala Met  
 1 5 10

<210> 618  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 618  
 Val Leu Ser Pro Leu Pro Ser Gln Ala Met  
 1 5 10

<210> 619  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 619  
 Val Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
 1 5 10

<210> 620  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 620  
 Val Pro Tyr Glu Pro Pro Glu Val  
 1 5

<210> 621  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 621  
 Val Val Pro Tyr Glu Pro Pro Glu Val  
 1 5

<210> 622  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 622  
 Val Val Val Pro Tyr Glu Pro Pro Glu Val  
 1 5 10

<210> 623  
 <211> 8  
 <212> PRT  
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<220>

<223> Synthetic Peptide

<400> 623

Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5

<210> 624

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 624

Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 625

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 625

Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
1 5 10

<210> 626

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 626

Tyr Gln Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5 10

<210> 627

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 627

Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 628  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 628  
 Cys Thr Thr Ile His Tyr Asn Tyr  
 1 5

<210> 629  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 629  
 Gly Ser Asp Cys Thr Thr Ile His Tyr  
 1 5

<210> 630  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 630  
 Gly Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
 1 5 10

<210> 631  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 631  
 Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5 10

<210> 632  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 632

Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 633

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 633

Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5 10

<210> 634

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 634

Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 635

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 635

Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 636

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 636

Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 637

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 637

Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1				5					10

&lt;210&gt; 638

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 638

Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5					10

&lt;210&gt; 639

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 639

Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr
1				5				

&lt;210&gt; 640

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 640

Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5					10

&lt;210&gt; 641

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 641

Val	Pro	Ser	Gln	Lys	Thr	Tyr	Gln	Gly	Ser	Tyr
1				5						10

<210> 642  
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 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 642  
 Ala Ala Pro Pro Val Ala Pro Ala  
 1 5

<210> 643  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 643  
 Ala Ala Pro Pro Val Ala Pro Ala Pro Ala  
 1 5 10

<210> 644  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 644  
 Ala Ala Pro Pro Val Ala Pro Ala Pro Ala Ala  
 1 5 10

<210> 645  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 645  
 Ala Ala Pro Thr Pro Ala Ala Pro Ala  
 1 5

<210> 646  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 646

Ala	Ala	Pro	Thr	Pro	Ala	Ala	Pro	Ala	Pro	Ala
1				5					10	

&lt;210&gt; 647

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 647

Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5			

&lt;210&gt; 648

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 648

Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg
1				5				

&lt;210&gt; 649

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 649

Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg	Ala
1				5					10

&lt;210&gt; 650

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 650

Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg	Ala	His
1				5					10	

&lt;210&gt; 651

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 651

Ala Ile Tyr Lys Gln Ser Gln His  
1 5

<210> 652

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 652

Ala Leu Glu Leu Lys Asp Ala Gln Ala  
1 5

<210> 653

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 653

Ala Leu Glu Leu Lys Asp Ala Gln Ala Gly Lys  
1 5 10

<210> 654

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 654

Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 655

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 655

Ala Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 656  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 656  
Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
1 5 10

<210> 657  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 657  
Cys Ala Cys Pro Gly Arg Asp Arg  
1 5

<210> 658  
<211> 9  
<212> PRT  
<213> Artificial Sequence

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1 5

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<400> 659  
Cys Met Gly Gly Met Asn Arg Arg  
1 5

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 Cys Ser Asp Ser Asp Gly Leu Ala  
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<210> 661  
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<220>  
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<400> 661  
 Cys Thr Thr Ile His Tyr Asn Tyr  
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 Cys Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
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<400> 664  
 Asp Cys Thr Thr Ile His Tyr Asn Tyr  
 1 5

<210> 665  
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<400> 665

Asp Asp Arg Asn Thr Phe Arg His  
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<210> 666

<211> 10

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 666

Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 667

<211> 8

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 667

Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 668

<211> 11

<212> PRT

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<220>

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<400> 668

Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 669

<211> 10

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Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5 10

<210> 670  
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<400> 670  
Asp Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 671  
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<400> 671  
Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 672  
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<400> 672  
Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 673  
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Glu Ala Ala Pro Pro Val Ala Pro Ala  
1 5

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<400> 674  
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 1 5 10

<210> 675  
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<400> 675  
 Glu Ala Leu Glu Leu Lys Asp Ala  
 1 5

<210> 676  
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 <223> Synthetic Peptide

<400> 676  
 Glu Ala Leu Glu Leu Lys Asp Ala Gln Ala  
 1 5 10

<210> 677  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 677  
 Glu Ala Pro Arg Met Pro Glu Ala  
 1 5

<210> 678  
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 <212> PRT  
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<220>  
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<400> 678  
 Glu Ala Pro Arg Met Pro Glu Ala Ala  
 1 5

<210> 679  
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 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 679

Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala
1				5			

&lt;210&gt; 680

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 680

Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala	Pro	Arg
1				5					10

&lt;210&gt; 681

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 681

Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu	Gly	Arg
1				5					10

&lt;210&gt; 682

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 682

Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1				5			

&lt;210&gt; 683

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 683

Glu	Leu	Lys	Asp	Ala	Gln	Ala	Gly	Lys
1				5				

<210> 684  
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<400> 684  
 Glu Leu Asn Glu Ala Leu Glu Leu Lys  
 1 5

<210> 685  
 <211> 11  
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<220>  
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<400> 685  
 Glu Leu Asn Glu Ala Leu Glu Leu Lys Asp Ala  
 1 5 10

<210> 686  
 <211> 8  
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<220>  
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<400> 686  
 Glu Leu Pro Pro Gly Ser Thr Lys  
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<210> 687  
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 <212> PRT  
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<220>  
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<400> 687  
 Glu Leu Pro Pro Gly Ser Thr Lys Arg  
 1 5

<210> 688  
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<220>  
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<400> 688

Glu Leu Pro Pro Gly Ser Thr Lys Arg Ala  
1 5 10

<210> 689

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 689

Glu Met Phe Arg Glu Leu Asn Glu Ala  
1 5

<210> 690

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 690

Glu Thr Phe Ser Asp Leu Trp Lys  
1 5

<210> 691

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 691

Glu Val Gly Ser Asp Cys Thr Thr Ile His  
1 5 10

<210> 692

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 692

Glu Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 693

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 693

Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg
1				5					10

&lt;210&gt; 694

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 694

Glu	Val	Val	Arg	Arg	Cys	Pro	His
1				5			

&lt;210&gt; 695

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 695

Glu	Val	Val	Arg	Arg	Cys	Pro	His	His
1				5				

&lt;210&gt; 696

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 696

Glu	Val	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg
1				5					10	

&lt;210&gt; 697

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 697

Phe	Leu	His	Ser	Gly	Thr	Ala	Lys
1				5			

<210> 698  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 698  
 Phe Thr Glu Asp Pro Gly Pro Asp Glu Ala  
 1 5 10

<210> 699  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 699  
 Phe Thr Leu Gln Ile Arg Gly Arg  
 1 5

<210> 700  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 700  
 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
 1 5 10

<210> 701  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 701  
 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5 10

<210> 702  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 702

Gly Phe Leu His Ser Gly Thr Ala  
1 5

<210> 703

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 703

Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 704

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 704

Gly Phe Arg Leu Gly Phe Leu His  
1 5

<210> 705

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 705

Gly Gly Ser Arg Ala His Ser Ser His  
1 5

<210> 706

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 706

Gly Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 707

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 707

Gly	Leu	Ala	Pro	Pro	Gln	His	Leu	Ile	Arg
1				5					10

<210> 708

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 708

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His
1				5			

<210> 709

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 709

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5				

<210> 710

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 710

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10	

<210> 711

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 711

Gly	Ser	Arg	Ala	His	Ser	Ser	His
1				5			

<210> 712  
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 <212> PRT  
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<220>  
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<400> 712  
 Gly Ser Arg Ala His Ser Ser His Leu Lys  
 1 5 10

<210> 713  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 713  
 Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
 1 5

<210> 714  
 <211> 11  
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<220>  
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<400> 714  
 Gly Ser Tyr Gly Phe Arg Leu Gly Phe Leu His  
 1 5 10

<210> 715  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 715  
 Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5 10

<210> 716  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 716  
 Gly Thr Arg Val Arg Ala Met Ala  
 1 5

<210> 717  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 717  
 Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
 1 5 10

<210> 718  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 718  
 Gly Thr Arg Val Arg Ala Met Ala Ile Tyr Lys  
 1 5 10

<210> 719  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 719  
 His Leu Ile Arg Val Glu Gly Asn Leu Arg  
 1 5 10

<210> 720  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 720  
 His Met Thr Glu Val Val Arg Arg  
 1 5

<210> 721  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 721

His	Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His
1				5					10	

<210> 722

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 722

His	Ser	Ser	His	Leu	Lys	Ser	Lys
1				5			

<210> 723

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 723

His	Ser	Ser	His	Leu	Lys	Ser	Lys	Lys
1				5				

<210> 724

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 724

Lys	Gly	Gln	Ser	Thr	Ser	Arg	His
1				5			

<210> 725

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 725

Lys	Gly	Gln	Ser	Thr	Ser	Arg	His	Lys
1				5				

<210> 726  
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 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 726  
 Lys Gly Gln Ser Thr Ser Arg His Lys Lys  
 1 5 10

<210> 727  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 727  
 Lys Met Phe Cys Gln Leu Ala Lys  
 1 5

<210> 728  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 728  
 Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg  
 1 5 10

<210> 729  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 729  
 Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His  
 1 5 10

<210> 730  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 730

Lys Ser Val Thr Cys Thr Tyr Ser Pro Ala  
1 5 10

<210> 731

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 731

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 732

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 732

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg  
1 5 10

<210> 733

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 733

Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5

<210> 734

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 734

Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 735

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 735

Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 736

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 736

Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 737

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 737

Leu Gly Phe Leu His Ser Gly Thr Ala  
1 5

<210> 738

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 738

Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 739

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 739

Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5

<210> 740  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 740  
 Leu Ile Arg Val Glu Gly Asn Leu Arg  
 1 5

<210> 741  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 741  
 Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
 1 5 10

<210> 742  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 742  
 Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe  
 1 5 10

<210> 743  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 743  
 Leu Ser Pro Leu Pro Ser Gln Ala  
 1 5

<210> 744  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 744  
 Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys  
 1 5 10

<210> 745  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 745  
 Leu Ser Ser Ser Val Pro Ser Gln Lys  
 1 5

<210> 746  
 <211> 11  
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<400> 746  
 Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5 10

<210> 747  
 <211> 9  
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<220>  
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<400> 747  
 Met Ala Ile Tyr Lys Gln Ser Gln His  
 1 5

<210> 748  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 748  
 Met Phe Arg Glu Leu Asn Glu Ala  
 1 5

<210> 749  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 749

Met	Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp	Phe
1				5					10	

&lt;210&gt; 750

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 750

Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His
1				5					10

&lt;210&gt; 751

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 751

Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His	His
1				5					10	

&lt;210&gt; 752

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 752

Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe
1				5			

&lt;210&gt; 753

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 753

Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg
1				5					10	

<210> 754  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 754  
 Asn Leu Arg Lys Lys Gly Glu Pro His  
 1 5

<210> 755  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 755  
 Asn Leu Arg Lys Lys Gly Glu Pro His His  
 1 5 10

<210> 756  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 756  
 Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg  
 1 5 10

<210> 757  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 757  
 Asn Ser Phe Glu Val Arg Val Cys Ala  
 1 5

<210> 758  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 758

Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5 10

<210> 759

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 759

Asn Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 760

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 760

Asn Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 761

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 761

Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5

<210> 762

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 762

Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
1 5 10

<210> 763

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 763

Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys	Lys
1				5					10	

<210> 764

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 764

Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala
1				5					10

<210> 765

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 765

Pro	Ala	Ala	Pro	Thr	Pro	Ala	Ala
1				5			

<210> 766

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 766

Pro	Ala	Ala	Pro	Thr	Pro	Ala	Ala	Pro	Ala
1				5					10

<210> 767

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 767

Pro	Ala	Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala
1				5					10	

<210> 768  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 768  
 Pro Ala Pro Ala Ala Pro Thr Pro Ala  
 1 5

<210> 769  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 769  
 Pro Ala Pro Ala Ala Pro Thr Pro Ala Ala  
 1 5 10

<210> 770  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 770  
 Pro Asp Asp Ile Glu Gln Trp Phe  
 1 5

<210> 771  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 771  
 Pro Asp Glu Ala Pro Arg Met Pro Glu Ala  
 1 5 10

<210> 772  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 772

Pro Asp Glu Ala Pro Arg Met Pro Glu Ala Ala  
1 5 10

<210> 773

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 773

Pro Gly Gly Ser Arg Ala His Ser Ser His  
1 5 10

<210> 774

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 774

Pro Gly Pro Asp Glu Ala Pro Arg  
1 5

<210> 775

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 775

Pro Gly Thr Arg Val Arg Ala Met Ala  
1 5

<210> 776

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 776

Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 777

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 777

Pro	Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys
1				5					10

&lt;210&gt; 778

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 778

Pro	Ser	Gln	Lys	Thr	Tyr	Gln	Gly	Ser	Tyr
1				5					10

&lt;210&gt; 779

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 779

Pro	Thr	Pro	Ala	Ala	Pro	Ala	Pro	Ala
1				5				

&lt;210&gt; 780

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 780

Pro	Val	Ala	Pro	Ala	Pro	Ala	Ala
1				5			

&lt;210&gt; 781

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 781

Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg
1				5					10

<210> 782  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 782  
 Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala  
 1 5 10

<210> 783  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 783  
 Gln Gly Ser Tyr Gly Phe Arg Leu Gly Phe  
 1 5 10

<210> 784  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 784  
 Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5

<210> 785  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 785  
 Gln Ile Arg Gly Arg Glu Arg Phe Glu Met Phe  
 1 5 10

<210> 786  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 786  
 Gln Ser Gln His Met Thr Glu Val Val Arg  
 1 5 10

<210> 787  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 787  
 Gln Ser Gln His Met Thr Glu Val Val Arg Arg  
 1 5 10

<210> 788  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 788  
 Gln Ser Thr Ser Arg His Lys Lys  
 1 5

<210> 789  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 789  
 Gln Ser Thr Ser Arg His Lys Lys Leu Met Phe  
 1 5 10

<210> 790  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 790  
 Arg Ala His Ser Ser His Leu Lys  
 1 5

<210> 791  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 791

Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys
1				5					10

<210> 792

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 792

Arg	Ala	His	Ser	Ser	His	Leu	Lys	Ser	Lys	Lys
1				5					10	

<210> 793

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 793

Arg	Ala	Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His
1				5					10	

<210> 794

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 794

Arg	Cys	Ser	Asp	Ser	Asp	Gly	Leu	Ala
1				5				

<210> 795

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 795

Arg	Asp	Arg	Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg
1				5					10	

<210> 796  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 796  
 Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala  
 1 5 10

<210> 797  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 797  
 Arg Gly Arg Glu Arg Phe Glu Met Phe  
 1 5

<210> 798  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 798  
 Arg Gly Arg Glu Arg Phe Glu Met Phe Arg  
 1 5 10

<210> 799  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 799  
 Arg Leu Gly Phe Leu His Ser Gly Thr Ala  
 1 5 10

<210> 800  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 800  
 Arg Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
 1 5 10

<210> 801  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 801  
 Arg Met Pro Glu Ala Ala Pro Pro Val Ala  
 1 5 10

<210> 802  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 802  
 Arg Thr Glu Glu Glu Asn Leu Arg  
 1 5

<210> 803  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 803  
 Arg Thr Glu Glu Glu Asn Leu Arg Lys  
 1 5

<210> 804  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 804  
 Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys  
 1 5 10

<210> 805  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 805

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg
1				5			

&lt;210&gt; 806

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 806

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg
1				5					10

&lt;210&gt; 807

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 807

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5					10	

&lt;210&gt; 808

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 808

Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1				5					10

&lt;210&gt; 809

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 809

Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg
1				5			

<210> 810  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 810  
 Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
 1 5 10

<210> 811  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 811  
 Arg Val Arg Ala Met Ala Ile Tyr  
 1 5

<210> 812  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 812  
 Arg Val Arg Ala Met Ala Ile Tyr Lys  
 1 5

<210> 813  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 813  
 Ser Cys Met Gly Gly Met Asn Arg  
 1 5

<210> 814  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 814

Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 815

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 815

Ser Asp Cys Thr Thr Ile His Tyr  
1 5

<210> 816

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 816

Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5 10

<210> 817

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 817

Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 818

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 818

Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
1 5 10

<210> 819

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 819

Ser Phe Glu Val Arg Val Cys Ala  
1 5

<210> 820

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 820

Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
1 5 10

<210> 821

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 821

Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5 10

<210> 822

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 822

Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 823

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 823

Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 824  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 824  
 Ser Ser Gly Asn Leu Leu Gly Arg  
 1 5

<210> 825  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 825  
 Ser Ser Gly Asn Leu Leu Gly Arg Asn Ser Phe  
 1 5 10

<210> 826  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 826  
 Ser Ser His Leu Lys Ser Lys Lys  
 1 5

<210> 827  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 827  
 Ser Ser Pro Gln Pro Lys Lys Lys  
 1 5

<210> 828  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 828  
 Ser Ser Ser Pro Gln Pro Lys Lys  
 1 5

<210> 829  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 829  
 Ser Ser Ser Pro Gln Pro Lys Lys Lys  
 1 5

<210> 830  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 830  
 Ser Ser Ser Val Pro Ser Gln Lys  
 1 5

<210> 831  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 831  
 Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5 10

<210> 832  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 832  
 Ser Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5

<210> 833  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 833

Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1					5		

&lt;210&gt; 834

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 834

Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val	Arg
1					5				10

&lt;210&gt; 835

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 835

Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val	Arg	Ala
1					5				10	

&lt;210&gt; 836

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 836

Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe
1					5				10

&lt;210&gt; 837

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 837

Ser	Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Lys
1					5				10	

<210> 838  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 838  
 Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe  
 1 5 10

<210> 839  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 839  
 Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5

<210> 840  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 840  
 Ser Val Thr Cys Thr Tyr Ser Pro Ala  
 1 5

<210> 841  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 841  
 Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5

<210> 842  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 842  
 Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
 1 5 10

<210> 843  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 843  
 Thr Phe Arg His Ser Val Val Val Pro Tyr  
 1 5 10

<210> 844  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 844  
 Thr Leu Gln Ile Arg Gly Arg Glu Arg  
 1 5

<210> 845  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 845  
 Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5 10

<210> 846  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 846  
 Thr Ser Arg His Lys Lys Leu Met Phe  
 1 5

<210> 847  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 847

Thr	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Lys
1				5					10

&lt;210&gt; 848

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 848

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys
1				5			

&lt;210&gt; 849

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 849

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys
1				5				

&lt;210&gt; 850

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 850

Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys	Lys
1				5					10

&lt;210&gt; 851

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 851

Val	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Thr	Pro	Ala
1				5						10

<210> 852  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 852  
 Val Cys Ala Cys Pro Gly Arg Asp Arg  
 1 5

<210> 853  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 853  
 Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
 1 5 10

<210> 854  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 854  
 Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
 1 5 10

<210> 855  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 855  
 Val Gly Ser Asp Cys Thr Thr Ile His  
 1 5

<210> 856  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 856

Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 857

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 857

Val Leu Ser Pro Leu Pro Ser Gln Ala  
1 5

<210> 858

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 858

Val Thr Cys Thr Tyr Ser Pro Ala  
1 5

<210> 859

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 859

Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 860

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 860

Val Val Arg Arg Cys Pro His His  
1 5

<210> 861

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 861

Val	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg
1				5					10

&lt;210&gt; 862

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 862

Trp	Phe	Thr	Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala
1				5					10	

&lt;210&gt; 863

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 863

Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10	

&lt;210&gt; 864

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 864

Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg
1				5				

&lt;210&gt; 865

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 865

Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg
1				5					10	

<210> 866  
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<220>  
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<400> 866  
 Tyr Gly Phe Arg Leu Gly Phe Leu His  
 1 5

<210> 867  
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<220>  
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<400> 867  
 Tyr Leu Asp Asp Arg Asn Thr Phe  
 1 5

<210> 868  
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<220>  
 <223> Synthetic Peptide

<400> 868  
 Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
 1 5

<210> 869  
 <211> 10  
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<220>  
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<400> 869  
 Tyr Leu Asp Asp Arg Asn Thr Phe Arg His  
 1 5 10

<210> 870  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 870

Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5

<210> 871

<211> 8

<212> PRT

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<220>

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<400> 871

Ala Cys Pro Gly Arg Asp Arg Arg  
1 5

<210> 872

<211> 9

<212> PRT

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<400> 872

Ala Gly Lys Glu Pro Gly Gly Ser Arg  
1 5

<210> 873

<211> 11

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 873

Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His  
1 5 10

<210> 874

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 874

Ala Ile Tyr Lys Gln Ser Gln His  
1 5

<210> 875

<211> 11

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 875

Ala	Leu	Glu	Leu	Lys	Asp	Ala	Gln	Ala	Gly	Lys
1				5					10	

&lt;210&gt; 876

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 876

Ala	Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys
1				5					10	

&lt;210&gt; 877

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 877

Ala	Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His
1				5					10

&lt;210&gt; 878

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 878

Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg
1				5			

&lt;210&gt; 879

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 879

Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5				

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<220>  
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<400> 880  
 Cys Met Gly Gly Met Asn Arg Arg  
 1 5

<210> 881  
 <211> 11  
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<220>  
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<400> 881  
 Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
 1 5 10

<210> 882  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 882  
 Cys Thr Thr Ile His Tyr Asn Tyr /  
 1 5

<210> 883  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 883  
 Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
 1 5

<210> 884  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 884

Asp Cys Thr Thr Ile His Tyr Asn Tyr  
1 5

<210> 885

<211> 8

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 885

Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 886

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 886

Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 887

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 887

Asp Gly Leu Ala Pro Pro Gln His  
1 5

<210> 888

<211> 11

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 888

Asp Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 889

<211> 10

<212> PRT

<213> Artificial Sequence

<220>  
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<400> 889  
 Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
 1 5 10

<210> 890  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 890  
 Asp Ser Ser Gly Asn Leu Leu Gly Arg  
 1 5

<210> 891  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 891  
 Asp Ser Thr Pro Pro Pro Gly Thr Arg  
 1 5

<210> 892  
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<220>  
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<400> 892  
 Asp Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
 1 5 10

<210> 893  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 893  
 Glu Asp Pro Gly Pro Asp Glu Ala Pro Arg  
 1 5 10

<210> 894  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 894  
 Glu Asp Ser Ser Gly Asn Leu Leu Gly Arg  
 1 5 10

<210> 895  
 <211> 8  
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<220>  
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<400> 895  
 Glu Gly Asn Leu Arg Val Glu Tyr  
 1 5

<210> 896  
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 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 896  
 Glu Leu Lys Asp Ala Gln Ala Gly Lys  
 1 5

<210> 897  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 897  
 Glu Leu Asn Glu Ala Leu Glu Leu Lys  
 1 5

<210> 898  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 898

Glu Leu Pro Pro Gly Ser Thr Lys  
1 5

<210> 899

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 899

Glu Leu Pro Pro Gly Ser Thr Lys Arg  
1 5

<210> 900

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 900

Glu Asn Leu Arg Lys Lys Gly Glu Pro His  
1 5 10

<210> 901

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 901

Glu Asn Leu Arg Lys Lys Gly Glu Pro His His  
1 5 10

<210> 902

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 902

Glu Thr Phe Ser Asp Leu Trp Lys  
1 5

<210> 903

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 903

Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His
1				5					10

<210> 904

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 904

Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5					10	

<210> 905

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 905

Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg
1				5					10

<210> 906

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 906

Glu	Val	Val	Arg	Arg	Cys	Pro	His
1				5			

<210> 907

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 907

Glu	Val	Val	Arg	Arg	Cys	Pro	His	His
1				5				

<210> 908  
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 <212> PRT  
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<220>  
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<400> 908  
 Glu Val Val Arg Arg Cys Pro His His Glu Arg  
 1 5 10

<210> 909  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 909  
 Phe Leu His Ser Gly Thr Ala Lys  
 1 5

<210> 910  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 910  
 Phe Thr Leu Gln Ile Arg Gly Arg  
 1 5

<210> 911  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 911  
 Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg  
 1 5 10

<210> 912  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 912 .

Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5

<210> 913

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 913

Gly Phe Arg Leu Gly Phe Leu His  
1 5

<210> 914

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 914

Gly Gly Ser Arg Ala His Ser Ser His  
1 5

<210> 915

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 915

Gly Gly Ser Arg Ala His Ser Ser His Leu Lys  
1 5 10

<210> 916

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 916

Gly Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5 10

<210> 917

<211> 11

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 917

Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg
1				5					10	

&lt;210&gt; 918

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 918

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His
1				5			

&lt;210&gt; 919

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 919

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5				

&lt;210&gt; 920

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 920

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10	

&lt;210&gt; 921

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 921

Gly	Ser	Arg	Ala	His	Ser	Ser	His
1				5			

<210> 922  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 922  
 Gly Ser Arg Ala His Ser Ser His Leu Lys  
 1 5 10

<210> 923  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 923  
 Gly Ser Tyr Gly Phe Arg Leu Gly Phe Leu His  
 1 5 10

<210> 924  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 924  
 Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5 10

<210> 925  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 925  
 Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
 1 5 10

<210> 926  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 926

Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr	Lys
1				5					10	

&lt;210&gt; 927

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 927

His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg
1				5					10

&lt;210&gt; 928

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 928

His	Met	Thr	Glu	Val	Val	Arg	Arg
1				5			

&lt;210&gt; 929

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 929

His	Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His
1				5					10	

&lt;210&gt; 930

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 930

His	Ser	Ser	His	Leu	Lys	Ser	Lys
1				5			

&lt;210&gt; 931

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 931

His Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 932

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 932

Lys Gly Gln Ser Thr Ser Arg His  
1 5

<210> 933

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 933

Lys Gly Gln Ser Thr Ser Arg His Lys  
1 5

<210> 934

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 934

Lys Gly Gln Ser Thr Ser Arg His Lys Lys  
1 5 10

<210> 935

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 935

Lys Met Phe Cys Gln Leu Ala Lys  
1 5

<210> 936  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 936  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg  
1 5 10

<210> 937  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 937  
Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His  
1 5 10

<210> 938  
<211> 10  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 938  
Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg  
1 5 10

<210> 939  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 939  
Leu Ala Pro Pro Gln His Leu Ile Arg  
1 5

<210> 940  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 940

Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 941

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 941

Leu Asp Asp Arg Asn Thr Phe Arg His  
1 5

<210> 942

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 942

Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg  
1 5 10

<210> 943

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 943

Leu Gly Phe Leu His Ser Gly Thr Ala Lys  
1 5 10

<210> 944

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 944

Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5

<210> 945

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 945

Leu Ile Arg Val Glu Gly Asn Leu Arg  
1 5

<210> 946

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 946

Leu Leu Gly Arg Asn Ser Phe Glu Val Arg  
1 5 10

<210> 947

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 947

Leu Asn Glu Ala Leu Glu Leu Lys  
1 5

<210> 948

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 948

Leu Asn Lys Met Phe Cys Gln Leu Ala Lys  
1 5 10

<210> 949

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 949

Leu Ser Gln Glu Thr Phe Ser Asp Leu Trp Lys  
1 5 10

<210> 950  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 950  
 Leu Ser Ser Ser Val Pro Ser Gln Lys  
 1 5

<210> 951  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 951  
 Leu Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5 10

<210> 952  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 952  
 Met Ala Ile Tyr Lys Gln Ser Gln His  
 1 5

<210> 953  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 953  
 Met Thr Glu Val Val Arg Arg Cys Pro His  
 1 5 10

<210> 954  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 954

Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His	His
1				5					10	

&lt;210&gt; 955

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 955

Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg
1				5					10	

&lt;210&gt; 956

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 956

Asn	Leu	Arg	Lys	Lys	Gly	Glu	Pro	His
1			5					

&lt;210&gt; 957

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 957

Asn	Leu	Arg	Lys	Lys	Gly	Glu	Pro	His	His
1			5					10	

&lt;210&gt; 958

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 958

Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg
1				5					10

&lt;210&gt; 959

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 959

Asn	Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys
1				5					10

&lt;210&gt; 960

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 960

Asn	Asn	Thr	Ser	Ser	Ser	Pro	Gln	Pro	Lys	Lys
1				5					10	

&lt;210&gt; 961

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 961

Asn	Ser	Ser	Cys	Met	Gly	Gly	Met	Asn	Arg
1				5					10

&lt;210&gt; 962

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 962

Asn	Ser	Ser	Cys	Met	Gly	Gly	Met	Asn	Arg	Arg
1				5					10	

&lt;210&gt; 963

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 963

Asn	Thr	Phe	Arg	His	Ser	Val	Val	Val	Pro	Tyr
1				5					10	

<210> 964  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 964  
 Asn Thr Ser Ser Ser Pro Gln Pro Lys  
 1 5

<210> 965  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 965  
 Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys  
 1 5 10

<210> 966  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 966  
 Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
 1 5 10

<210> 967  
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 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 967  
 Pro Gly Gly Ser Arg Ala His Ser Ser His  
 1 5 10

<210> 968  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 968

Pro Gly Pro Asp Glu Ala Pro Arg  
1 5

<210> 969

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 969

Pro Gly Thr Arg Val Arg Ala Met Ala Ile Tyr  
1 5 10

<210> 970

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 970

Pro Leu Ser Ser Ser Val Pro Ser Gln Lys  
1 5 10

<210> 971

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 971

Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys  
1 5 10

<210> 972

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 972

Pro Ser Gln Lys Thr Tyr Gln Gly Ser Tyr  
1 5 10

<210> 973

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 973

Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly	Ser	Arg
1				5					10

&lt;210&gt; 974

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 974

Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg
1				5					10

&lt;210&gt; 975

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 975

Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg	Arg
1				5					10	

&lt;210&gt; 976

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 976

Gln	Ser	Thr	Ser	Arg	His	Lys	Lys
1				5			

&lt;210&gt; 977

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 977

Arg	Ala	His	Ser	Ser	His	Leu	Lys
1				5			

<210> 978  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 978  
 Arg Ala His Ser Ser His Leu Lys Ser Lys  
 1 5 10

<210> 979  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 979  
 Arg Ala His Ser Ser His Leu Lys Ser Lys Lys  
 1 5 10

<210> 980  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 980  
 Arg Ala Met Ala Ile Tyr Lys Gln Ser Gln His  
 1 5 10

<210> 981  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 981  
 Arg Asp Arg Arg Thr Glu Glu Glu Asn Leu Arg  
 1 5 10

<210> 982  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 982

Arg	Gly	Arg	Glu	Arg	Phe	Glu	Met	Phe	Arg
1				5					10

&lt;210&gt; 983

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 983

Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys
1				5					10	

&lt;210&gt; 984

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 984

Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg
1				5			

&lt;210&gt; 985

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 985

Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg	Lys
1				5				

&lt;210&gt; 986

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 986

Arg	Thr	Glu	Glu	Glu	Asn	Leu	Arg	Lys	Lys
1				5					10

&lt;210&gt; 987

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 987

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg
1				5			

&lt;210&gt; 988

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 988

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg
1				5					10

&lt;210&gt; 989

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 989

Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5					10	

&lt;210&gt; 990

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 990

Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1				5					10

&lt;210&gt; 991

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 991

Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg
1				5			

<210> 992  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 992  
Arg Val Arg Ala Met Ala Ile Tyr  
1 5

<210> 993  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 993  
Arg Val Arg Ala Met Ala Ile Tyr Lys  
1 5

<210> 994  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 994  
Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 995  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 995  
Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5

<210> 996  
<211> 8  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 996  
 Ser Asp Cys Thr Thr Ile His Tyr  
 1 5

<210> 997  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 997  
 Ser Asp Cys Thr Thr Ile His Tyr Asn Tyr  
 1 5 10

<210> 998  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 998  
 Ser Asp Gly Leu Ala Pro Pro Gln His  
 1 5

<210> 999  
 <211> 11  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 999  
 Ser Asp Ser Asp Gly Leu Ala Pro Pro Gln His  
 1 5 10

<210> 1000  
 <211> 11  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1000  
 Ser Gly Thr Ala Lys Ser Val Thr Cys Thr Tyr  
 1 5 10

<210> 1001  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1001

Ser Ser Cys Met Gly Gly Met Asn Arg  
1 5

<210> 1002

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1002

Ser Ser Cys Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 1003

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1003

Ser Ser Gly Asn Leu Leu Gly Arg  
1 5

<210> 1004

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1004

Ser Ser His Leu Lys Ser Lys Lys  
1 5

<210> 1005

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1005

Ser Ser Pro Gln Pro Lys Lys Lys  
1 5

<210> 1006  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1006  
 Ser Ser Ser Pro Gln Pro Lys Lys  
 1 5

<210> 1007  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1007  
 Ser Ser Ser Pro Gln Pro Lys Lys Lys  
 1 5

<210> 1008  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1008  
 Ser Ser Ser Val Pro Ser Gln Lys  
 1 5

<210> 1009  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1009  
 Ser Ser Ser Val Pro Ser Gln Lys Thr Tyr  
 1 5 10

<210> 1010  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1010

Ser Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 1011

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1011

Ser Thr Pro Pro Pro Gly Thr Arg  
1 5

<210> 1012

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1012

Ser Thr Pro Pro Pro Gly Thr Arg Val Arg  
1 5 10

<210> 1013

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1013

Ser Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 1014

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1014

Ser Val Pro Ser Gln Lys Thr Tyr  
1 5

<210> 1015

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1015

Thr Ala Lys Ser Val Thr Cys Thr Tyr  
1 5

<210> 1016

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1016

Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 1017

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1017

Thr Phe Arg His Ser Val Val Val Pro Tyr  
1 5 10

<210> 1018

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1018

Thr Leu Gln Ile Arg Gly Arg Glu Arg  
1 5

<210> 1019

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1019

Thr Ser Arg His Lys Lys Leu Met Phe Lys  
1 5 10

<210> 1020  
 <211> 8  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1020  
 Thr Ser Ser Ser Pro Gln Pro Lys  
 1 5

<210> 1021  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1021  
 Thr Ser Ser Ser Pro Gln Pro Lys Lys  
 1 5

<210> 1022  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1022  
 Thr Ser Ser Ser Pro Gln Pro Lys Lys Lys  
 1 5 10

<210> 1023  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1023  
 Val Cys Ala Cys Pro Gly Arg Asp Arg  
 1 5

<210> 1024  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1024

Val Cys Ala Cys Pro Gly Arg Asp Arg Arg  
1 5 10

<210> 1025

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1025

Val Asp Ser Thr Pro Pro Pro Gly Thr Arg  
1 5 10

<210> 1026

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1026

Val Gly Ser Asp Cys Thr Thr Ile His  
1 5

<210> 1027

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1027

Val Gly Ser Asp Cys Thr Thr Ile His Tyr  
1 5 10

<210> 1028

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1028

Val Thr Cys Thr Tyr Ser Pro Ala Leu Asn Lys  
1 5 10

<210> 1029

<211> 8

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1029

Val	Val	Arg	Arg	Cys	Pro	His	His
1				5			

&lt;210&gt; 1030

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1030

Val	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg
1				5					10

&lt;210&gt; 1031

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1031

Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5						10

&lt;210&gt; 1032

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1032

Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg
1				5				

&lt;210&gt; 1033

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1033

Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg
1				5						10

<210> 1034  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1034  
 Tyr Gly Phe Arg Leu Gly Phe Leu His  
 1 5

<210> 1035  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1035  
 Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
 1 5

<210> 1036  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1036  
 Tyr Leu Asp Asp Arg Asn Thr Phe Arg His  
 1 5 10

<210> 1037  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1037  
 Cys Met Gly Gly Met Asn Arg Arg Pro Ile  
 1 5 10

<210> 1038  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1038

Cys Met Gly Gly Met Asn Arg Arg Pro Ile Leu  
1 5 10

<210> 1039

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1039

Glu Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5 10

<210> 1040

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1040

Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
1 5

<210> 1041

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1041

Gly Met Asn Arg Arg Pro Ile Leu  
1 5

<210> 1042

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1042

Gly Met Asn Arg Arg Pro Ile Leu Thr Ile  
1 5 10

<210> 1043

<211> 11

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1043

Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile
1				5					10	

&lt;210&gt; 1044

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1044

Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile
1				5			

&lt;210&gt; 1045

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1045

Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp
1				5					10	

&lt;210&gt; 1046

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1046

Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu
1				5					10	

&lt;210&gt; 1047

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1047

Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu
1				5				

<210> 1048  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1048  
 Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu  
 1 5 10

<210> 1049  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1049  
 Arg Phe Glu Met Phe Arg Glu Leu  
 1 5

<210> 1050  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1050  
 Ser Tyr Gly Phe Arg Leu Gly Phe  
 1 5

<210> 1051  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1051  
 Ser Tyr Gly Phe Arg Leu Gly Phe Leu  
 1 5

<210> 1052  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1052

Thr Phe Ser Asp Leu Trp Lys Leu  
1 5

<210> 1053

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1053

Thr Phe Ser Asp Leu Trp Lys Leu Leu  
1 5

<210> 1054

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1054

Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 1055

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1055

Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1056

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1056

Thr Tyr Ser Pro Ala Leu Asn Lys Met Phe  
1 5 10

<210> 1057

<211> 15

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1057

Ala	Lys	Ser	Val	Thr	Cys	Thr	Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met
1				5					10					15

&lt;210&gt; 1058

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1058

Ala	Leu	Glu	Leu	Lys	Asp	Ala	Gln	Ala	Gly	Lys	Glu	Pro	Gly	Gly
1				5					10					15

&lt;210&gt; 1059

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1059

Ala	Pro	Pro	Val	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Thr	Pro	Ala	Ala
1				5					10					15

&lt;210&gt; 1060

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1060

Ala	Pro	Arg	Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Ala	Pro	Ala	Pro
1				5					10					15

&lt;210&gt; 1061

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1061

Ala	Pro	Ser	Trp	Pro	Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr
1				5					10					15

<210> 1062  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1062  
 Cys Thr Thr Ile His Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met  
 1 5 10 15

<210> 1063  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1063  
 Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe  
 1 5 10 15

<210> 1064  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1064  
 Asp Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu  
 1 5 10 15

<210> 1065  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1065  
 Asp Pro Ser Val Glu Pro Pro Leu Ser Gln Glu Thr Phe Ser Asp  
 1 5 10 15

<210> 1066  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1066

Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe
1				5					10					15

&lt;210&gt; 1067

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1067

Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met	Asp	Asp
1				5					10					15

&lt;210&gt; 1068

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1068

Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln	Leu	Trp	Val	Asp
1				5					10					15

&lt;210&gt; 1069

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1069

Phe	Ser	Asp	Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser
1				5					10					15

&lt;210&gt; 1070

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1070

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10					15

&lt;210&gt; 1071

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1071

Gly	Thr	Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His
1				5					10					15

&lt;210&gt; 1072

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1072

His	His	Glu	Leu	Pro	Pro	Gly	Ser	Thr	Lys	Arg	Ala	Leu	Pro	Asn
1				5					10					15

&lt;210&gt; 1073

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1073

His	Ser	Val	Val	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val	Gly	Ser	Asp
1				5					10					15

&lt;210&gt; 1074

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1074

His	Tyr	Asn	Tyr	Met	Cys	Asn	Ser	Ser	Cys	Met	Gly	Gly	Met	Asn
1				5					10					15

&lt;210&gt; 1075

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1075

Ile	Glu	Gln	Trp	Phe	Thr	Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala	Pro
1				5					10					15

<210> 1076  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1076  
 Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys  
 1 5 10 15

<210> 1077  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1077  
 Leu Gly Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr Cys Thr  
 1 5 10 15

<210> 1078  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1078  
 Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln  
 1 5 10 15

<210> 1079  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1079  
 Leu Ser Pro Leu Pro Ser Gln Ala Met Asp Asp Leu Met Leu Ser  
 1 5 10 15

<210> 1080  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1080

Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu	Gly
1				5					10					15

&lt;210&gt; 1081

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1081

Met	Gly	Gly	Met	Asn	Arg	Arg	Pro	Ile	Leu	Thr	Ile	Ile	Thr	Leu
1				5					10					15

&lt;210&gt; 1082

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1082

Met	Thr	Glu	Val	Val	Arg	Arg	Cys	Pro	His	His	Glu	Arg	Cys	Ser
1				5					10					15

&lt;210&gt; 1083

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1083

Asn	Glu	Ala	Leu	Glu	Leu	Lys	Asp	Ala	Gln	Ala	Gly	Lys	Glu	Pro
1				5					10					15

&lt;210&gt; 1084

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1084

Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro	Ser	Gln	Ala	Met	Asp	Asp	Leu
1				5					10					15

&lt;210&gt; 1085

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1085

Pro	Asp	Asp	Ile	Glu	Gln	Trp	Phe	Thr	Glu	Asp	Pro	Gly	Pro	Asp
1				5					10					15

&lt;210&gt; 1086

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1086

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10					15

&lt;210&gt; 1087

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1087

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10					15

&lt;210&gt; 1088

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1088

Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val	Arg
1				5					10					15

&lt;210&gt; 1089

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1089

Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val	Thr	Cys
1				5					10					15

<210> 1090  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1090  
 Arg Asn Ser Phe Glu Val Arg Val Cys Ala Cys Pro Gly Arg Asp  
 1 5 10 15

<210> 1091  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1091  
 Arg Asn Thr Phe Arg His Ser Val Val Val Pro Tyr Glu Pro Pro  
 1 5 10 15

<210> 1092  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1092  
 Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly Asn  
 1 5 10 15

<210> 1093  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1093  
 Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly  
 1 5 10 15

<210> 1094  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1094

Ser	Phe	Glu	Val	Arg	Val	Cys	Ala	Cys	Pro	Gly	Arg	Asp	Arg	Arg
1				5					10					15

&lt;210&gt; 1095

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1095

Ser	Gly	Asn	Leu	Leu	Gly	Arg	Asn	Ser	Phe	Glu	Val	Arg	Val	Cys
1				5					10					15

&lt;210&gt; 1096

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1096

Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys
1				5					10					15

&lt;210&gt; 1097

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1097

Ser	Gln	Ala	Met	Asp	Asp	Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile	Glu
1				5					10					15

&lt;210&gt; 1098

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1098

Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr	Gln	Gly	Ser	Tyr	Gly
1				5					10					15

&lt;210&gt; 1099

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1099

Ser	Val	Val	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys
1				5					10					15

&lt;210&gt; 1100

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1100

Ser	Trp	Pro	Leu	Ser	Ser	Ser	Val	Pro	Ser	Gln	Lys	Thr	Tyr	Gln
1				5					10					15

&lt;210&gt; 1101

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1101

Ser	Tyr	Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys
1				5					10					15

&lt;210&gt; 1102

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1102

Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe	Arg	His	Ser	Val	Val
1				5					10					15

&lt;210&gt; 1103

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1103

Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg	Val
1				5					10					15

<210> 1104  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1104  
 Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys Thr Thr  
 1 5 10 15

<210> 1105  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1105  
 Trp Lys Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu Pro Ser  
 1 5 10 15

<210> 1106  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1106  
 Tyr Asn Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met Asn Arg  
 1 5 10 15

<210> 1107  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1107  
 Asp Leu Met Leu Ser Pro Asp Asp Ile Glu Gln Trp Phe Thr Glu  
 1 5 10 15

<210> 1108  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1108

Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu	Asp	Asp	Arg	Asn	Thr	Phe
1				5					10					15

&lt;210&gt; 1109

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1109

Glu	Pro	Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp	Lys	Leu
1				5					10					15

&lt;210&gt; 1110

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1110

Glu	Gln	Trp	Phe	Thr	Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala	Pro	Arg
1				5					10					15

&lt;210&gt; 1111

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1111

Lys	Lys	Pro	Leu	Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly
1				5					10					15

&lt;210&gt; 1112

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1112

Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu	Gly
1				5					10					15

&lt;210&gt; 1113

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1113

Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro
1				5					10					15

&lt;210&gt; 1114

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1114

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10					15

&lt;210&gt; 1115

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1115

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10					15

&lt;210&gt; 1116

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1116

Gln	His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu
1				5					10					15

&lt;210&gt; 1117

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1117

Arg	Phe	Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu	Glu	Leu	Lys
1				5					10					15

<210> 1118  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1118  
 Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val  
 1 5 10 15

<210> 1119  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1119  
 Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys  
 1 5 10 15

<210> 1120  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1120  
 Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg Glu Arg Phe Glu  
 1 5 10 15

<210> 1121  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1121  
 Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp  
 1 5 10 15

<210> 1122  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1122

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg
1				5					10					15

&lt;210&gt; 1123

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1123

Val	Thr	Cys	Thr	Tyr	Ser	Pro	Ala	Leu
1				5				

&lt;210&gt; 1124

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1124

Leu	Lys	Asp	Ala	Gln	Ala	Gly	Lys	Glu
1				5				

&lt;210&gt; 1125

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1125

Val	Ala	Pro	Ala	Pro	Ala	Ala	Pro	Thr
1				5				

&lt;210&gt; 1126

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1126

Met	Pro	Glu	Ala	Ala	Pro	Pro	Val	Ala
1				5				

&lt;210&gt; 1127

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1127  
 Trp Pro Leu Ser Ser Ser Val Pro Ser  
 1 5

<210> 1128  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1128  
 Ile His Tyr Asn Tyr Met Cys Asn Ser  
 1 5

<210> 1129  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1129  
 Tyr Phe Thr Leu Gln Ile Arg Gly Arg  
 1 5

<210> 1130  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1130  
 Leu Ser Pro Asp Asp Ile Glu Gln Trp  
 1 5

<210> 1131  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1131  
 Val Glu Pro Pro Leu Ser Gln Glu Thr  
 1 5

<210> 1132  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1132  
 Leu Arg Val Glu Tyr Leu Asp Asp Arg  
 1 5

<210> 1133  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1133  
 Val Leu Ser Pro Leu Pro Ser Gln Ala  
 1 5

<210> 1134  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1134  
 Leu Ala Lys Thr Cys Pro Val Gln Leu  
 1 5

<210> 1135  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1135  
 Leu Trp Lys Leu Leu Pro Glu Asn Asn  
 1 5

<210> 1136  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1136  
 Leu Gly Phe Leu His Ser Gly Thr Ala  
 1 5

<210> 1137  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1137  
 Val Arg Ala Met Ala Ile Tyr Lys Gln  
 1 5

<210> 1138  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1138  
 Leu Pro Pro Gly Ser Thr Lys Arg Ala  
 1 5

<210> 1139  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1139  
 Val Val Pro Tyr Glu Pro Pro Glu Val  
 1 5

<210> 1140  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1140  
 Tyr Met Cys Asn Ser Ser Cys Met Gly  
 1 5

<210> 1141  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1141

Trp Phe Thr Glu Asp Pro Gly Pro Asp  
1 5

<210> 1142

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1142

Leu Pro Asn Asn Thr Ser Ser Ser Pro  
1 5

<210> 1143

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1143

Leu His Ser Gly Thr Ala Lys Ser Val  
1 5

<210> 1144

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1144

Met Phe Cys Gln Leu Ala Lys Thr Cys  
1 5

<210> 1145

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1145

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1 5

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<210> 1147  
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<220>  
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Leu Ser Pro Leu Pro Ser Gln Ala Met  
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1 5

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<210> 1153  
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<210> 1154  
<211> 9  
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<210> 1155  
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Phe Leu His Ser Gly Thr Ala Lys Ser  
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<210> 1156

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<210> 1157

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<220>

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Phe Arg His Ser Val Val Val Pro Tyr  
1 5

<210> 1158

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

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Leu Thr Ile Ile Thr Leu Glu Asp Ser  
1 5

<210> 1159

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

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<210> 1161  
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<220>  
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<400> 1161  
Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 1162  
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<212> PRT  
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<400> 1162  
Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5

<210> 1163  
<211> 9  
<212> PRT  
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<220>  
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1 5

<210> 1164  
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<212> PRT  
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<210> 1165  
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<210> 1166  
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<210> 1168  
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<212> PRT  
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<220>  
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Leu Asp Asp Arg Asn Thr Phe Arg His  
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<210> 1169  
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<212> PRT  
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<220>

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Trp Val Asp Ser Thr Pro Pro Pro Gly  
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<210> 1170

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

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Tyr Glu Pro Pro Glu Val Gly Ser Asp  
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<210> 1171

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

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<400> 1171

Leu Pro Glu Asn Asn Val Leu Ser Pro  
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<210> 1172

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<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1172

Met Cys Asn Ser Ser Cys Met Gly Gly  
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<210> 1173

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1173

Leu Ser Pro Asp Asp Ile Glu Gln Trp  
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<210> 1174  
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<212> PRT  
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<210> 1175  
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<220>  
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1 5

<210> 1176  
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<220>  
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<210> 1177  
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<212> PRT  
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<220>  
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<400> 1177  
Leu Asp Gly Glu Tyr Phe Thr Leu Gln  
1 5

<210> 1178  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1178  
Ile Thr Leu Glu Asp Ser Ser Gly Asn  
1 5

<210> 1179  
<211> 9  
<212> PRT  
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<220>  
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<400> 1179  
Leu Leu Pro Glu Asn Asn Val Leu Ser  
1 5

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<212> PRT  
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<220>  
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<400> 1180  
Val Gly Ser Asp Cys Thr Thr Ile His  
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<210> 1181  
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<212> PRT  
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<220>  
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<400> 1181  
Leu Trp Val Asp Ser Thr Pro Pro Pro  
1 5

<210> 1182  
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<212> PRT  
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<220>  
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<400> 1182  
Ile Arg Val Glu Gly Asn Leu Arg Val  
1 5

<210> 1183  
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<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1183  
Met Phe Arg Glu Leu Asn Glu Ala Leu  
1 5

<210> 1184  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1184  
Tyr Leu Asp Asp Arg Asn Thr Phe Arg  
1 5

<210> 1185  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 1185  
Val Pro Tyr Glu Pro Pro Glu Val Gly  
1 5

<210> 1186  
<211> 9  
<212> PRT  
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<220>  
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<400> 1186  
Phe Thr Leu Gln Ile Arg Gly Arg Glu  
1 5

<210> 1187  
<211> 9  
<212> PRT  
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<220>  
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<400> 1187  
Val Glu Gly Asn Leu Arg Val Glu Tyr  
1 5

<210> 1188  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1188  
 Tyr Lys Gln Ser Gln His Met Thr Glu  
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<210> 1189  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1189  
 Tyr Leu Glu Pro Ala Ile Ala Lys Tyr  
 1 5

<210> 1190  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1190  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1191  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1191  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1192  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1192  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1193  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1193  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1194  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1194  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1195  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1195  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1196  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1196  
 Tyr Val Ile Lys Val Ser Ala Arg Val  
 1 5

<210> 1197  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1197

Lys	Val	Phe	Pro	Tyr	Ala	Leu	Ile	Asn	Lys
1				5					10

&lt;210&gt; 1198

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1198

Ala	Val	Asp	Leu	Tyr	His	Phe	Leu	Lys
1				5				

&lt;210&gt; 1199

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1199

Lys	Val	Phe	Pro	Tyr	Ala	Leu	Ile	Asn	Lys
1				5					10

&lt;210&gt; 1200

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1200

Ser	Thr	Leu	Pro	Glu	Thr	Tyr	Val	Val	Arg	Arg
1				5					10	

&lt;210&gt; 1201

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1201

Lys	Val	Phe	Pro	Tyr	Ala	Leu	Ile	Asn	Lys
1				5					10

<210> 1202  
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<212> PRT  
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<220>  
<223> Synthetic Peptide

<400> 1202  
Ala Tyr Ile Asp Asn Tyr Asn Lys Phe  
1 5

<210> 1203  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1203  
Ala Pro Arg Thr Leu Val Tyr Leu Leu  
1 5

<210> 1204  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1204  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1205  
<211> 9  
<212> PRT  
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<220>  
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<400> 1205  
Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1206  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 1206

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1207

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1207

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1208

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1208

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1209

<211> 12

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1209

Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg  
1 5 10

<210> 1210

<211> 13

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1210

Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
1 5 10

<210> 1211

<211> 14

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1211

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1212

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1212

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1213

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1213

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1214

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1214

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1215

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1215

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1216  
 <211> 14  
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 <213> Artificial Sequence

<220>  
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<400> 1216  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1217  
 <211> 14  
 <212> PRT  
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<220>  
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<400> 1217  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1218  
 <211> 15  
 <212> PRT  
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<220>  
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<400> 1218  
 Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
 1 5 10 15

<210> 1219  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1219  
 Gln Tyr Ile Lys Ala Asn Ala Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1220  
 <211> 24  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1220

Gly	Arg	Thr	Gln	Asp	Glu	Asn	Pro	Val	Val	His	Phe	Phe	Lys	Asn	Ile
1				5					10					15	
Val	Thr	Pro	Arg	Thr	Pro	Pro	Pro								
				20											

&lt;210&gt; 1221

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1221

Asn	Gly	Gln	Ile	Gly	Asn	Asp	Pro	Asn	Arg	Asp	Ile	Leu
1				5					10			

&lt;210&gt; 1222

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1222

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1223

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1223

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1224

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1224

Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu
1				5				

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<220>  
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<400> 1225  
 Lys Leu Leu Pro Glu Asn Asn Val Val  
 1 5

<210> 1226  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 1226  
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 1 5 10

<210> 1227  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 1227  
 Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Val  
 1 5 10

<210> 1228  
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 <212> PRT  
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<220>  
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<400> 1228  
 Arg Met Pro Glu Ala Ala Pro Pro Val  
 1 5

<210> 1229  
 <211> 9  
 <212> PRT  
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<220>  
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&lt;400&gt; 1229

Arg Leu Pro Glu Ala Ala Pro Pro Val

1

5

&lt;210&gt; 1230

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1230

Arg Met Pro Glu Ala Ala Pro Pro Val Ala

1

5

10

&lt;210&gt; 1231

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1231

Arg Leu Pro Glu Ala Ala Pro Pro Val Val

1

5

10

&lt;210&gt; 1232

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1232

Arg Met Pro Glu Ala Ala Pro Pro Val Val

1

5

10

&lt;210&gt; 1233

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1233

Ala Ala Pro Pro Val Ala Pro Ala

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5

&lt;210&gt; 1234

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1234

Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1235

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1235

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1236

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1236

Lys Leu Tyr Gln Gly Ser Tyr Gly Phe Arg Val  
1 5 10

<210> 1237

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1237

Phe Leu His Ser Gly Thr Ala Lys Ser Val Thr  
1 5 10

<210> 1238

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1238

Phe Leu His Ser Gly Thr Ala Lys Ser Val Val  
1 5 10

<210> 1239  
<211> 9  
<212> PRT  
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<220>  
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<400> 1239  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1240  
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<220>  
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<400> 1240  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1241  
<211> 9  
<212> PRT  
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<220>  
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<400> 1241  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1242  
<211> 10  
<212> PRT  
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<220>  
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<400> 1242  
Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 1243  
<211> 10  
<212> PRT  
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<220>  
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<400> 1243  
 Ala Leu Asn Lys Met Phe Cys Gln Leu Val  
 1 5 10

<210> 1244  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1244  
 Lys Met Phe Cys Gln Leu Ala Lys Thr  
 1 5

<210> 1245  
 <211> 9  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1245  
 Lys Met Phe Cys Gln Leu Ala Lys Val  
 1 5

<210> 1246  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1246  
 Lys Met Phe Asx Gln Leu Ala Lys Val  
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 1 5

<210> 1248  
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<220>

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<400> 1248

Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1249

<211> 9

<212> PRT

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<223> Synthetic Peptide

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Cys Leu Leu Ala Lys Thr Cys Pro Val  
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<210> 1250

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Synthetic Peptide

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Asx Gln Leu Ala Lys Thr Asx Pro Val  
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<210> 1251

<211> 9

<212> PRT

<213> Artificial Sequence

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<223> Synthetic Peptide

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Asx Leu Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1252

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1252

Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1253  
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<220>  
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<400> 1253  
Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1254  
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<400> 1254  
Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1255  
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<400> 1255  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1256  
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<400> 1256  
Ser Met Pro Pro Pro Gly Thr Arg Val  
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<210> 1257  
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 Ser Leu Pro Pro Pro Gly Thr Arg Val  
 1 5

<210> 1258  
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 Lys Gln Ser Gln His Met Thr Glu Val  
 1 5

<210> 1259  
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<400> 1259  
 Lys Leu Ser Gln His Met Thr Glu Val  
 1 5

<210> 1260  
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<400> 1260  
 Val Val Val Pro Tyr Glu Pro Pro Glu Val  
 1 5 10

<210> 1261  
 <211> 10  
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<400> 1261  
 Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
 1 5 10

<210> 1262  
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<220>

<223> Synthetic Peptide

<400> 1262

Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 1263

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1263

Cys Leu Thr Ile His Tyr Asn Tyr Val  
1 5

<210> 1264

<211> 9

<212> PRT

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<223> Synthetic Peptide

<400> 1264

Asx Leu Thr Ile His Tyr Asn Tyr Val  
1 5

<210> 1265

<211> 8

<212> PRT

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<400> 1265

Tyr Met Cys Asn Ser Ser Cys Met  
1 5

<210> 1266

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<212> PRT

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<400> 1266

Tyr Leu Cys Asn Ser Ser Cys Val  
1 5

<210> 1267  
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<400> 1267  
 Tyr Met Cys Asn Ser Ser Cys Met Gly Gly Met  
 1 5 10

<210> 1268  
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<400> 1268  
 Tyr Leu Cys Asn Ser Ser Cys Met Gly Gly Val  
 1 5 10

<210> 1269  
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<220>  
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<400> 1269  
 Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
 1 5 10

<210> 1270  
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<400> 1270  
 Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val  
 1 5 10

<210> 1271  
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<220>  
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&lt;400&gt; 1271

Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu
1				5					10

&lt;210&gt; 1272

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1272

Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Val
1				5					10

&lt;210&gt; 1273

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1273

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10	

&lt;210&gt; 1274

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1274

Gly	Thr	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5				

&lt;210&gt; 1275

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1275

Pro	Thr	Gln	Lys	Thr	Tyr	Gln	Gly	Ser	Tyr
1				5					10

&lt;210&gt; 1276

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1276

Gly	Thr	Asp	Lys	Ser	Val	Thr	Cys	Thr	Tyr
1				5					10

&lt;210&gt; 1277

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1277

Arg	Val	Asp	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1				5					10

&lt;210&gt; 1278

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1278

Lys	Val	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Arg
1				5					10

&lt;210&gt; 1279

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1279

Lys	Val	Tyr	Gln	Gly	Ser	Tyr	Gly	Phe	Lys
1				5					10

&lt;210&gt; 1280

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1280

Asx	Val	Tyr	Ser	Pro	Ala	Leu	Asn	Lys
1				5				

<210> 1281  
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 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1281  
 Asx Val Tyr Ser Pro Ala Leu Asn Arg  
 1 5

<210> 1282  
 <211> 8  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1282  
 Lys Val Phe Asx Gln Leu Ala Lys  
 1 5

<210> 1283  
 <211> 11  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1283  
 Gly Val Arg Val Arg Ala Met Ala Ile Tyr Lys  
 1 5 10

<210> 1284  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1284  
 Arg Val Arg Ala Met Ala Ile Tyr Arg  
 1 5

<210> 1285  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1285

Ser Val Asx Met Gly Gly Met Asn Lys  
1 5

<210> 1286

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1286

Ser Val Asx Met Gly Gly Met Asn Arg Lys  
1 5 10

<210> 1287

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1287

Ser Val Asx Met Gly Gly Met Asn Arg  
1 5

<210> 1288

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1288

Ser Val Asx Met Gly Gly Met Asn Arg Arg  
1 5 10

<210> 1289

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1289

Arg Val Asx Ala Asx Pro Gly Arg Asp Arg Lys  
1 5 10

<210> 1290

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1290

Ser	Val	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Lys
1				5					10	

<210> 1291

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1291

Ser	Val	Ser	Arg	His	Lys	Lys	Leu	Met	Phe	Arg
1				5					10	

<210> 1292

<211> 9

<212> PRT

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<220>

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<400> 1292

Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr
1				5				

<210> 1293

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1293

Leu	Leu	Gly	Arg	Asp	Ser	Phe	Glu	Val
1				5				

<210> 1294

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1294

Leu	Leu	Gly	Arg	Asp	Ser	Phe	Glu	Val
1				5				

<210> 1295  
<211> 9  
<212> PRT  
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<220>  
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<400> 1295  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1296  
<211> 9  
<212> PRT  
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<220>  
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<400> 1296  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1297  
<211> 9  
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<220>  
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<400> 1297  
Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1298  
<211> 9  
<212> PRT  
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<220>  
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<400> 1298  
Cys Thr Thr Ile His Tyr Asn Tyr Met  
1 5

<210> 1299  
<211> 9  
<212> PRT  
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<220>  
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<400> 1299

Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 1300

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1300

Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10

<210> 1301

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1301

Thr Tyr Gln Gly Ser Tyr Gly Phe  
1 5

<210> 1302

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1302

Ser Tyr Gly Phe Arg Leu Gly Phe  
1 5

<210> 1303

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1303

Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1304

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1304

Thr	Tyr	Ser	Pro	Ala	Leu	Asn	Lys	Met	Phe
1				5					10

&lt;210&gt; 1305

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1305

Thr	Tyr	Leu	Trp	Trp	Val	Asn	Asn	Gln	Ser	Leu
1				5					10	

&lt;210&gt; 1306

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1306

Thr	Tyr	Leu	Trp	Trp	Val	Asn	Gly	Gln	Ser	Leu
1				5					10	

&lt;210&gt; 1307

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1307

Leu	Tyr	Trp	Val	Asn	Gly	Gln	Ser	Phe
1				5				

&lt;210&gt; 1308

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1308

Glu	Tyr	Val	Asn	Ala	Arg	His	Cys	Phe
1				5				

<210> 1309  
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 <212> PRT  
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<220>  
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<400> 1309  
 Thr Tyr Ser Asp Leu Trp Lys Leu Phe  
 1 5

<210> 1310  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1310  
 Ser Tyr Gly Phe Arg Leu Gly Phe Phe  
 1 5

<210> 1311  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1311  
 Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Phe  
 1 5 10

<210> 1312  
 <211> 8  
 <212> PRT  
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<220>  
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<400> 1312  
 Phe Pro Ala Leu Asn Lys Met Phe  
 1 5

<210> 1313  
 <211> 11  
 <212> PRT  
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<220>  
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<400> 1313  
 Phe Pro Ala Leu Asn Lys Met Phe Cys Gln Leu  
 1 5 10

<210> 1314  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1314  
 Phe Pro Gly Thr Arg Val Arg Ala Ile  
 1 5

<210> 1315  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1315  
 Phe Pro Pro Gly Ser Thr Lys Arg Ala Leu  
 1 5 10

<210> 1316  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1316  
 Phe Pro Gln Pro Lys Lys Lys Pro Ile  
 1 5

<210> 1317  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1317  
 Phe Pro Gln Pro Lys Lys Lys Pro Leu  
 1 5

<210> 1318  
 <211> 9  
 <212> PRT  
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<220>

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<400> 1318

Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1319

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

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<400> 1319

Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 1320

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1320

Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1321

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1321

Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1322

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1322

Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1323  
<211> 9  
<212> PRT  
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<220>  
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<400> 1323  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1324  
<211> 9  
<212> PRT  
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<220>  
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<400> 1324  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1325  
<211> 9  
<212> PRT  
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<220>  
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<400> 1325  
Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1326  
<211> 9  
<212> PRT  
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<220>  
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<400> 1326  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1327  
<211> 9  
<212> PRT  
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<220>  
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<400> 1327  
Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1328  
<211> 9  
<212> PRT  
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<220>  
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<400> 1328  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1329  
<211> 9  
<212> PRT  
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<220>  
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<400> 1329  
Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1330  
<211> 9  
<212> PRT  
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<220>  
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<400> 1330  
Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1331  
<211> 9  
<212> PRT  
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<220>  
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<400> 1331  
Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1332  
<211> 9  
<212> PRT  
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<220>

<223> Synthetic Peptide

<400> 1332

Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1333

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1333

Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1334

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1334

Val Val Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1335

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1335

Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
1 5 10

<210> 1336

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1336

Ile Thr Leu Glu Asp Ser Ser Gly Asn Leu Leu  
1 5 10

<210> 1337  
 <211> 11  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1337  
 Ile Leu Leu Glu Asp Ser Ser Gly Asn Leu Val  
 1 5 10

<210> 1338  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1338  
 Tyr Thr Ala Val Val Pro Leu Val Tyr  
 1 5

<210> 1339  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1339  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1340  
 <211> 10  
 <212> PRT  
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<220>  
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<400> 1340  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1341  
 <211> 10  
 <212> PRT  
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<220>  
 <223> Synthetic Peptide

<400> 1341  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1342  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1342  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1343  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1343  
 Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val  
 1 5 10

<210> 1344  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1344  
 Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
 1 5 10

<210> 1345  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1345  
 Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
 1 5 10

<210> 1346  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1346

Ala Tyr Ile Asp Asn Tyr Asn Lys Phe  
1 5

<210> 1347

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1347

Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1348

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1348

Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys  
1 5 10

<210> 1349

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1349

Ser Thr Leu Pro Glu Thr Tyr Val Val Arg Arg  
1 5 10

<210> 1350

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1350

Phe Thr Gln Ala Gly Tyr Pro Ala Leu  
1 5

<210> 1351  
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<212> PRT  
<213> Artificial Sequence

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1 5

<210> 1354  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
1 5

<210> 1355  
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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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<210> 1356

<211> 9

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<213> Artificial Sequence

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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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<210> 1357

<211> 9

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Ala Glu Met Gly Lys Tyr Ser Phe Tyr  
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<210> 1358

<211> 9

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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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<210> 1359

<211> 9

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<213> Artificial Sequence

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<223> Synthetic Peptide

<400> 1359

Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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<210> 1360

<211> 9

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<213> Artificial Sequence

<220>

<223> Synthetic Peptide

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Phe Pro Phe Lys Tyr Ala Ala Ala Phe  
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<211> 9

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<220>

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<400> 1361

Gln Tyr Asp Asp Ala Val Tyr Lys Leu  
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<210> 1362

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1362

Tyr Arg His Asp Gly Gly Asn Val Leu  
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<210> 1363

<211> 9

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<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1363

Tyr Arg His Asp Gly Gly Asn Val Leu  
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<210> 1364

<211> 10

<212> PRT

<213> Artificial Sequence

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<223> Synthetic Peptide

<400> 1364

Ser Gly Pro Ser Asn Thr Tyr Pro Glu Ile  
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<210> 1365  
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<220>  
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 Arg Gly Tyr Val Phe Gln Gly Leu  
 1 5

<210> 1366  
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<220>  
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 Arg Gly Pro Tyr Arg Ala Phe Val Thr Ile  
 1 5 10

<210> 1367  
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<220>  
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 Lys Phe Asn Pro Met Lys Thr Tyr Ile  
 1 5

<210> 1368  
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<220>  
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<400> 1368  
 Ile Pro Gln Ser Leu Asp Ser Tyr Trp Thr Ser Leu  
 1 5 10

<210> 1369  
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<220>  
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&lt;400&gt; 1369

Tyr Pro Lys Tyr Val Lys Gln Asn Thr Leu Lys Leu Ala Thr  
 1 5 10

&lt;210&gt; 1370

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1370

Val Val His Phe Phe Lys Asn Ile Val Thr Pro Arg Thr Pro Pro Tyr  
 1 5 10 15

&lt;210&gt; 1371

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1371

Tyr Ala Ala Phe Ala Ala Ala Lys Thr Ala Ala Ala Phe Ala  
 1 5 10

&lt;210&gt; 1372

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1372

Tyr Lys Thr Ile Ala Phe Asp Glu Glu Ala Arg Arg  
 1 5 10

&lt;210&gt; 1373

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1373

Tyr Ala Arg Phe Gln Ser Gln Thr Thr Leu Lys Gln Lys Thr  
 1 5 10

&lt;210&gt; 1374

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1374

Tyr	Ala	Arg	Phe	Gln	Arg	Gln	Thr	Thr	Leu	Lys	Ala	Ala	Ala
1				5					10				

&lt;210&gt; 1375

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1375

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1376

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1376

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1377

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1377

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1378

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1378

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

<210> 1379  
 <211> 14  
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<220>  
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<400> 1379  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1380  
 <211> 14  
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<220>  
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<400> 1380  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1381  
 <211> 14  
 <212> PRT  
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<220>  
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<400> 1381  
 Gln Tyr Ile Lys Ala Asn Ser Lys Phe Ile Gly Ile Thr Glu  
 1 5 10

<210> 1382  
 <211> 15  
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<220>  
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<400> 1382  
 Glu Ala Leu Ile His Gln Leu Lys Ile Asn Pro Tyr Val Leu Ser  
 1 5 10 15

<210> 1383  
 <211> 14  
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<220>  
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&lt;400&gt; 1383

Gln	Tyr	Ile	Lys	Ala	Asn	Ala	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1384

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1384

Gln	Tyr	Ile	Lys	Ala	Asn	Ala	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1385

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1385

Pro	Lys	Tyr	Val	Lys	Gln	Asn	Thr	Leu	Lys	Leu	Ala	Thr
1				5				10				

&lt;210&gt; 1386

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1386

Asn	Gly	Gln	Ile	Gly	Asn	Asp	Pro	Asn	Arg	Asp	Ile	Leu
1				5				10				

&lt;210&gt; 1387

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1387

Tyr	Ala	Arg	Phe	Gln	Ser	Gln	Thr	Thr	Leu	Lys	Gln	Lys	Thr
1				5					10				

&lt;210&gt; 1388

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1388

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
 1                      5                      10                      15  
 Ala

&lt;210&gt; 1389

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1389

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
 1                      5                      10                      15  
 Ala

&lt;210&gt; 1390

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1390

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
 1                      5                      10                      15  
 Ala

&lt;210&gt; 1391

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1391

Tyr Asn Thr Asp Gly Ser Thr Asp Tyr Gly Ile Leu Gln Ile Asn Ser  
 1                      5                      10                      15  
 Arg

&lt;210&gt; 1392

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1392

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
 1                      5                      10                      15  
 Ala

&lt;210&gt; 1393

&lt;211&gt; 17

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1393

Tyr Ala His Ala Ala His Ala Ala His Ala Ala His Ala  
 1                      5                      10                      15  
 Ala

&lt;210&gt; 1394

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1394

Tyr Leu Glu Asp Ala Arg Arg Lys Lys Ala Ile Tyr Glu Lys Lys Lys  
 1                      5                      10                      15

&lt;210&gt; 1395

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1395

Tyr Leu Glu Asp Ala Arg Arg Lys Lys Ala Ile Tyr Glu Lys Lys Lys  
 1                      5                      10                      15

&lt;210&gt; 1396

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

<400> 1396

Lys Leu Leu Pro Glu Asn Asn Val Leu  
1 5

<210> 1397

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1397

Leu Leu Pro Glu Asn Asn Val Leu Ser Pro Leu  
1 5 10

<210> 1398

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1398

Arg Met Pro Glu Ala Ala Pro Pro Val Ala  
1 5 10

<210> 1399

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1399

Arg Met Pro Glu Ala Ala Pro Pro Val  
1 5

<210> 1400

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1400

Phe Leu His Ser Gly Thr Ala Lys Ser Val  
1 5 10

<210> 1401

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1401

Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1402

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1402

Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1403

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1403

Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1404

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1404

Lys Gln Ser Gln His Met Thr Glu Val  
1 5

<210> 1405

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1405

Gly Leu Ala Pro Pro Gln His Leu Ile Arg Val  
1 5 10

<210> 1406  
 <211> 11  
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<220>  
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<400> 1406  
 His Leu Ile Arg Val Glu Gly Asn Leu Arg Val  
 1 5 10

<210> 1407  
 <211> 9  
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<220>  
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<400> 1407  
 Cys Thr Thr Ile His Tyr Asn Tyr Met  
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<210> 1408  
 <211> 10  
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<220>  
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<400> 1408  
 Asn Leu Leu Gly Arg Asn Ser Phe Glu Val  
 1 5 10

<210> 1409  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1409  
 Leu Leu Gly Arg Asn Ser Phe Glu Val  
 1 5

<210> 1410  
 <211> 9  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1410

Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1411

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1411

Ala Ala Pro Pro Val Ala Pro Ala  
1 5

<210> 1412

<211> 8

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1412

Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1413

<211> 11

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 1413

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg Leu  
1 5 10

<210> 1414

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1414

Lys Leu Tyr Gln Gly Ser Tyr Gly Phe Arg Val  
1 5 10

<210> 1415

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1415

Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1416

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1416

Ala Leu Asn Lys Met Phe Cys Gln Val  
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<210> 1417

<211> 9

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 1417

Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1418

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1418

Ala Leu Asn Lys Met Phe Cys Gln Leu Ala  
1 5 10

<210> 1419

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1419

Ala Leu Asn Lys Met Phe Cys Gln Leu Val  
1 5 10

<210> 1420  
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<212> PRT  
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<220>  
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<400> 1420  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1421  
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<212> PRT  
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<220>  
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<400> 1421  
Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1422  
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<212> PRT  
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<220>  
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<400> 1422  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1423  
<211> 9  
<212> PRT  
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<220>  
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<400> 1423  
Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1424  
<211> 9  
<212> PRT  
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<400> 1424  
Cys Gln Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1425  
<211> 9  
<212> PRT  
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<220>  
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<400> 1425  
Cys Leu Leu Ala Lys Thr Cys Pro Val  
1 5

<210> 1426  
<211> 9  
<212> PRT  
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<220>  
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<400> 1426  
Asx Gln Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1427  
<211> 9  
<212> PRT  
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<220>  
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<400> 1427  
Asx Leu Leu Ala Lys Thr Asx Pro Val  
1 5

<210> 1428  
<211> 9  
<212> PRT  
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<220>  
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<400> 1428  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1429  
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<220>

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<400> 1429

Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1430

<211> 9

<212> PRT

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<220>

<223> Synthetic Peptide

<400> 1430

Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1431

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1431

Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1432

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1432

Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1433

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1433

Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1434  
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 <212> PRT  
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<220>  
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<400> 1434  
 Lys Gln Ser Gln His Met Thr Glu Val  
 1 5

<210> 1435  
 <211> 9  
 <212> PRT  
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<220>  
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<400> 1435  
 Lys Leu Ser Gln His Met Thr Glu Val  
 1 5

<210> 1436  
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 <212> PRT  
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<220>  
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<400> 1436  
 Val Val Val Pro Tyr Glu Pro Pro Glu Val  
 1 5 10

<210> 1437  
 <211> 10  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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<400> 1437  
 Val Leu Val Pro Tyr Glu Pro Pro Glu Val  
 1 5 10

<210> 1438  
 <211> 11  
 <212> PRT  
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<220>  
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&lt;400&gt; 1438

Tyr	Met	Cys	Asn	Ser	Ser	Cys	Met	Gly	Gly	Met
1				5					10	

&lt;210&gt; 1439

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1439

Tyr	Leu	Cys	Asn	Ser	Ser	Cys	Met	Gly	Gly	Val
1				5					10	

&lt;210&gt; 1440

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1440

Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu
1				5					10	

&lt;210&gt; 1441

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1441

Ile	Leu	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Val
1				5					10	

&lt;210&gt; 1442

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1442

Ala	Ala	Pro	Pro	Val	Ala	Pro	Ala
1				5			

&lt;210&gt; 1443

&lt;211&gt; 8

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1443  
Ala Leu Pro Pro Val Ala Pro Val  
1 5

<210> 1444  
<211> 9  
<212> PRT  
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<220>  
<223> Synthetic Peptide

<400> 1444  
Ala Leu Asn Lys Met Phe Cys Gln Leu  
1 5

<210> 1445  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
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<400> 1445  
Ala Leu Asn Lys Met Phe Cys Gln Val  
1 5

<210> 1446  
<211> 9  
<212> PRT  
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<220>  
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<400> 1446  
Ala Leu Asn Lys Met Phe Asx Gln Val  
1 5

<210> 1447  
<211> 9  
<212> PRT  
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<220>  
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<400> 1447  
Lys Met Phe Cys Gln Leu Ala Lys Thr  
1 5

<210> 1448  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1448  
Lys Met Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1449  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1449  
Lys Met Phe Asx Gln Leu Ala Lys Val  
1 5

<210> 1450  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1450  
Lys Leu Phe Cys Gln Leu Ala Lys Val  
1 5

<210> 1451  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1451  
Lys Thr Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1452  
<211> 9  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Synthetic Peptide

<400> 1452

Lys Leu Cys Pro Val Gln Leu Trp Val  
1 5

<210> 1453

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1453

Lys Leu Asx Pro Val Gln Leu Trp Val  
1 5

<210> 1454

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1454

Ser Thr Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1455

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1455

Ser Leu Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1456

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Peptide

<400> 1456

Ser Met Pro Pro Pro Gly Thr Arg Val  
1 5

<210> 1457

<211> 10

<212> PRT

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1457

Val	Val	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val
1				5					10

&lt;210&gt; 1458

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1458

Val	Leu	Val	Pro	Tyr	Glu	Pro	Pro	Glu	Val
1				5					10

&lt;210&gt; 1459

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1459

Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu
1				5					10	

&lt;210&gt; 1460

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1460

Ile	Leu	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Val
1				5					10	

&lt;210&gt; 1461

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1461

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10				15	

<210> 1462  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1462  
 Leu Asn Lys Met Phe Cys Gln Leu Ala Lys Thr Cys Pro Val Gln  
 1 5 10 15

<210> 1463  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1463  
 Met Gly Gly Met Asn Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu  
 1 5 10 15

<210> 1464  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1464  
 Arg Arg Pro Ile Leu Thr Ile Ile Thr Leu Glu Asp Ser Ser Gly  
 1 5 10 15

<210> 1465  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1465  
 Lys Arg Ala Leu Pro Asn Asn Thr Ser Ser Ser Pro Gln Pro Lys  
 1 5 10 15

<210> 1466  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1466

Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe
1				5					10					15

&lt;210&gt; 1467

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1467

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10					15

&lt;210&gt; 1468

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1468

Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val
1				5					10				

&lt;210&gt; 1469

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1469

Glu	Pro	Pro	Leu	Ser	Gln	Glu	Thr	Phe	Ser	Asp	Leu	Trp	Lys	Leu
1				5					10					15

&lt;210&gt; 1470

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1470

Leu	Trp	Lys	Leu	Leu	Pro	Glu	Asn	Asn	Val	Leu	Ser	Pro	Leu	Pro
1				5					10					15

&lt;210&gt; 1471

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1471

Asp	Leu	Met	Leu	Ser	Pro	Asp	Asp	Ile	Glu	Gln	Trp	Phe	Thr	Glu
1				5					10					15

&lt;210&gt; 1472

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1472

Glu	Gln	Trp	Phe	Thr	Glu	Asp	Pro	Gly	Pro	Asp	Glu	Ala	Pro	Arg
1				5					10					15

&lt;210&gt; 1473

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1473

Pro	Val	Gln	Leu	Trp	Val	Asp	Ser	Thr	Pro	Pro	Pro	Gly	Thr	Arg
1				5					10					15

&lt;210&gt; 1474

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1474

Met	Ala	Ile	Tyr	Lys	Gln	Ser	Gln	His	Met	Thr	Glu	Val	Val	Arg
1				5					10					15

&lt;210&gt; 1475

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1475

Gln	His	Leu	Ile	Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr	Leu
1				5					10					15

<210> 1476  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1476  
 Leu Ile Arg Val Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp  
 1 5 10 15

<210> 1477  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1477  
 Glu Gly Asn Leu Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe  
 1 5 10 15

<210> 1478  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1478  
 Arg Val Glu Tyr Leu Asp Asp Arg Asn Thr Phe Arg His Ser Val  
 1 5 10 15

<210> 1479  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

<400> 1479  
 Ser Val Val Val Pro Tyr Glu Pro Pro Glu Val Gly Ser Asp Cys  
 1 5 10 15

<210> 1480  
 <211> 15  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> Synthetic Peptide

&lt;400&gt; 1480

Pro	Pro	Glu	Val	Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr	Asn	Tyr
1				5					10					15

&lt;210&gt; 1481

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1481

Leu	Thr	Ile	Ile	Thr	Leu	Glu	Asp	Ser	Ser	Gly	Asn	Leu	Leu	Gly
1				5					10					15

&lt;210&gt; 1482

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1482

Lys	Lys	Pro	Leu	Asp	Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly
1				5					10					15

&lt;210&gt; 1483

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1483

Gly	Glu	Tyr	Phe	Thr	Leu	Gln	Ile	Arg	Gly	Arg	Glu	Arg	Phe	Glu
1				5					10					15

&lt;210&gt; 1484

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1484

Arg	Phe	Glu	Met	Phe	Arg	Glu	Leu	Asn	Glu	Ala	Leu	Glu	Leu	Lys
1				5					10					15

&lt;210&gt; 1485

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1485

Gly	Phe	Arg	Leu	Gly	Phe	Leu	His	Ser	Gly	Thr	Ala	Lys	Ser	Val
1				5					10					15

&lt;210&gt; 1486

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Synthetic Peptide

&lt;400&gt; 1486

Leu	Asn	Lys	Met	Phe	Cys	Gln	Leu	Ala	Lys	Thr	Cys	Pro	Val	Gln
1				5					10					15

&lt;210&gt; 1487

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Artificial Peptide

&lt;400&gt; 1487

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Thr	Glu
1				5					10				

&lt;210&gt; 1488

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Plasmodium falciparum

&lt;400&gt; 1488

Asp	Ile	Glu	Lys	Lys	Ile	Ala	Lys	Met	Glu	Lys	Ala	Ser	Ser	Val	Phe
1				5					10					15	
Asn	Val	Val	Asn	Ser											
					20										

&lt;210&gt; 1489

&lt;211&gt; 16

&lt;212&gt; PRT

&lt;213&gt; Streptococcus Aureus

&lt;400&gt; 1489

Gly	Ala	Val	Asp	Ser	Ile	Leu	Gly	Gly	Val	Ala	Thr	Tyr	Gly	Ala	Ala
1				5					10					15	

&lt;210&gt; 1490

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence